

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
 Data File : BF121824.D
 Acq On : 5 Oct 2020 18:47
 Operator : JU/CG
 Sample : L4247-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-4

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.969	486	490	500	rBV	32067	48400	1.94%	0.175%
2	5.381	556	560	577	rVB	2356706	2270701	90.89%	8.189%
3	6.404	729	734	749	rBV	2380397	2298462	92.00%	8.290%
4	6.598	762	767	772	rBV4	22626	33826	1.35%	0.122%
5	6.763	791	795	801	rVB	719285	612014	24.50%	2.207%
6	7.328	886	891	894	rBV	1769245	1540418	61.66%	5.556%
7	8.045	1007	1013	1016	rBV	898435	829034	33.18%	2.990%
8	8.104	1021	1023	1026	rVB	58362	51853	2.08%	0.187%
9	8.216	1035	1042	1045	rBV5	25162	42881	1.72%	0.155%
10	8.245	1045	1047	1050	rVV	40863	38346	1.53%	0.138%
11	8.339	1057	1063	1065	rBV5	34365	56606	2.27%	0.204%
12	8.422	1074	1077	1081	rVB4	38235	43399	1.74%	0.157%
13	8.469	1081	1085	1087	rBV	157217	147794	5.92%	0.533%
14	8.586	1101	1105	1110	rBV6	52175	72400	2.90%	0.261%
15	8.639	1110	1114	1117	rBV	129301	129272	5.17%	0.466%
16	8.733	1126	1130	1133	rVB3	62936	74053	2.96%	0.267%
17	8.792	1136	1140	1143	rBV4	25705	33148	1.33%	0.120%
18	8.833	1143	1147	1148	rBV4	23975	36526	1.46%	0.132%
19	8.922	1159	1162	1165	rBV2	64425	79258	3.17%	0.286%
20	8.998	1171	1175	1179	rBV6	53892	68521	2.74%	0.247%
21	9.039	1179	1182	1184	rBV2	63345	54036	2.16%	0.195%
22	9.069	1184	1187	1191	rVB	249145	216971	8.68%	0.783%
23	9.122	1191	1196	1199	rBV	2859761	2498272	100.00%	9.010%
24	9.198	1205	1209	1214	rBV	312746	354207	14.18%	1.277%
25	9.245	1214	1217	1219	rVV3	65529	88802	3.55%	0.320%
26	9.269	1219	1221	1226	rVV3	80037	97798	3.91%	0.353%
27	9.316	1227	1229	1232	rVB3	39268	32630	1.31%	0.118%
28	9.392	1240	1242	1244	rVB3	42753	32710	1.31%	0.118%
29	9.457	1250	1253	1255	rBV2	66847	63760	2.55%	0.230%
30	9.475	1255	1256	1259	rVB2	60315	44207	1.77%	0.159%
31	9.516	1259	1263	1266	rBV2	524817	643742	25.77%	2.322%
32	9.545	1266	1268	1271	rVV3	81482	71931	2.88%	0.259%
33	9.580	1271	1274	1276	rVB2	85511	78516	3.14%	0.283%
34	9.610	1277	1279	1285	rVB5	48314	64735	2.59%	0.233%

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 Min Area: 3 % of largest Peak
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35	9.663	1285	1288	1293	rBV6	94336	161618	6.47%	0.583%
36	9.704	1293	1295	1297	rVV2	93120	78638	3.15%	0.284%
37	9.727	1297	1299	1304	rVB	312042	271046	10.85%	0.978%
38	9.774	1304	1307	1308	rBV3	90701	105894	4.24%	0.382%
39	9.798	1308	1311	1314	rVV	938075	823990	32.98%	2.972%
40	9.833	1314	1317	1320	rVB3	47297	47464	1.90%	0.171%
41	9.904	1326	1329	1333	rVB3	68846	70512	2.82%	0.254%
42	9.957	1335	1338	1341	rVV2	83060	110759	4.43%	0.399%
43	9.992	1341	1344	1347	rVV2	99237	141183	5.65%	0.509%
44	10.051	1350	1354	1357	rVV3	147482	173399	6.94%	0.625%
45	10.086	1358	1360	1362	rVB	58848	42731	1.71%	0.154%
46	10.116	1362	1365	1371	rBV3	71721	125185	5.01%	0.451%
47	10.163	1371	1373	1377	rVB3	53459	62205	2.49%	0.224%
48	10.204	1377	1380	1381	rBV2	65931	54878	2.20%	0.198%
49	10.227	1381	1384	1387	rVB	364872	285253	11.42%	1.029%
50	10.257	1387	1389	1391	rBV3	34571	31576	1.26%	0.114%
51	10.451	1417	1422	1427	rVB	338508	402854	16.13%	1.453%
52	10.498	1428	1430	1433	rVB	75268	64351	2.58%	0.232%
53	10.533	1433	1436	1439	rBV2	59100	64177	2.57%	0.231%
54	10.586	1439	1445	1449	rBV	1634745	1465717	58.67%	5.286%
55	10.716	1462	1467	1470	rBV	611179	863707	34.57%	3.115%
56	10.892	1494	1497	1499	rBV2	70078	69777	2.79%	0.252%
57	11.021	1517	1519	1521	rBV2	40894	38346	1.53%	0.138%
58	11.145	1538	1540	1543	rBV	277848	253667	10.15%	0.915%
59	11.180	1543	1546	1552	rVB	345839	374332	14.98%	1.350%
60	11.280	1560	1563	1565	rBV	916760	757637	30.33%	2.732%
61	11.304	1565	1567	1569	rVB	210200	159865	6.40%	0.577%
62	11.357	1574	1576	1579	rVV	70317	63002	2.52%	0.227%
63	11.392	1580	1582	1585	rVV3	52542	54700	2.19%	0.197%
64	11.421	1585	1587	1590	rVV2	43608	44482	1.78%	0.160%
65	11.457	1591	1593	1596	rVB	55000	44425	1.78%	0.160%
66	11.486	1596	1598	1600	rBV	36546	30512	1.22%	0.110%
67	11.527	1602	1605	1609	rVV2	104758	123830	4.96%	0.447%
68	11.574	1610	1613	1616	rVB	318592	244179	9.77%	0.881%
69	11.780	1646	1648	1650	rBV	43794	34163	1.37%	0.123%
70	11.810	1650	1653	1656	rVV	92049	78671	3.15%	0.284%
71	11.892	1665	1667	1670	rVB2	70228	59785	2.39%	0.216%

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Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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72	11.957	1675	1678	1680	rBV2	46291	46083	1.84%	0.166%
73	11.980	1680	1682	1685	rVB	247755	187981	7.52%	0.678%
74	12.080	1696	1699	1701	rVB	54758	48537	1.94%	0.175%
75	12.263	1727	1730	1732	rBV	74154	61561	2.46%	0.222%
76	12.333	1739	1742	1745	rBV2	58613	65735	2.63%	0.237%
77	12.368	1745	1748	1751	rVV	220454	176887	7.08%	0.638%
78	12.492	1766	1769	1774	rVB	411357	345248	13.82%	1.245%
79	12.721	1803	1808	1810	rBV	364264	372562	14.91%	1.344%
80	12.863	1828	1832	1836	rBV	2122987	2071851	82.93%	7.472%
81	13.098	1869	1872	1874	rBV	110683	102397	4.10%	0.369%
82	13.439	1927	1930	1934	rVB2	86221	78164	3.13%	0.282%
83	13.774	1983	1987	1996	rBV2	282390	470279	18.82%	1.696%
84	13.915	2007	2011	2014	rBV2	712672	821146	32.87%	2.962%
85	13.945	2014	2016	2018	rVB	161355	119546	4.79%	0.431%
86	14.080	2037	2039	2043	rVB	57535	47001	1.88%	0.170%
87	14.386	2089	2091	2094	rBV2	73582	63165	2.53%	0.228%
88	14.945	2182	2186	2189	rBV	198326	311344	12.46%	1.123%
89	15.233	2233	2235	2241	rVB	118850	144450	5.78%	0.521%
90	15.292	2242	2245	2251	rVV	194155	273006	10.93%	0.985%
91	15.357	2252	2256	2269	rVB	583567	869776	34.82%	3.137%
92	17.845	2674	2679	2689	rVB5	123209	322614	12.91%	1.164%

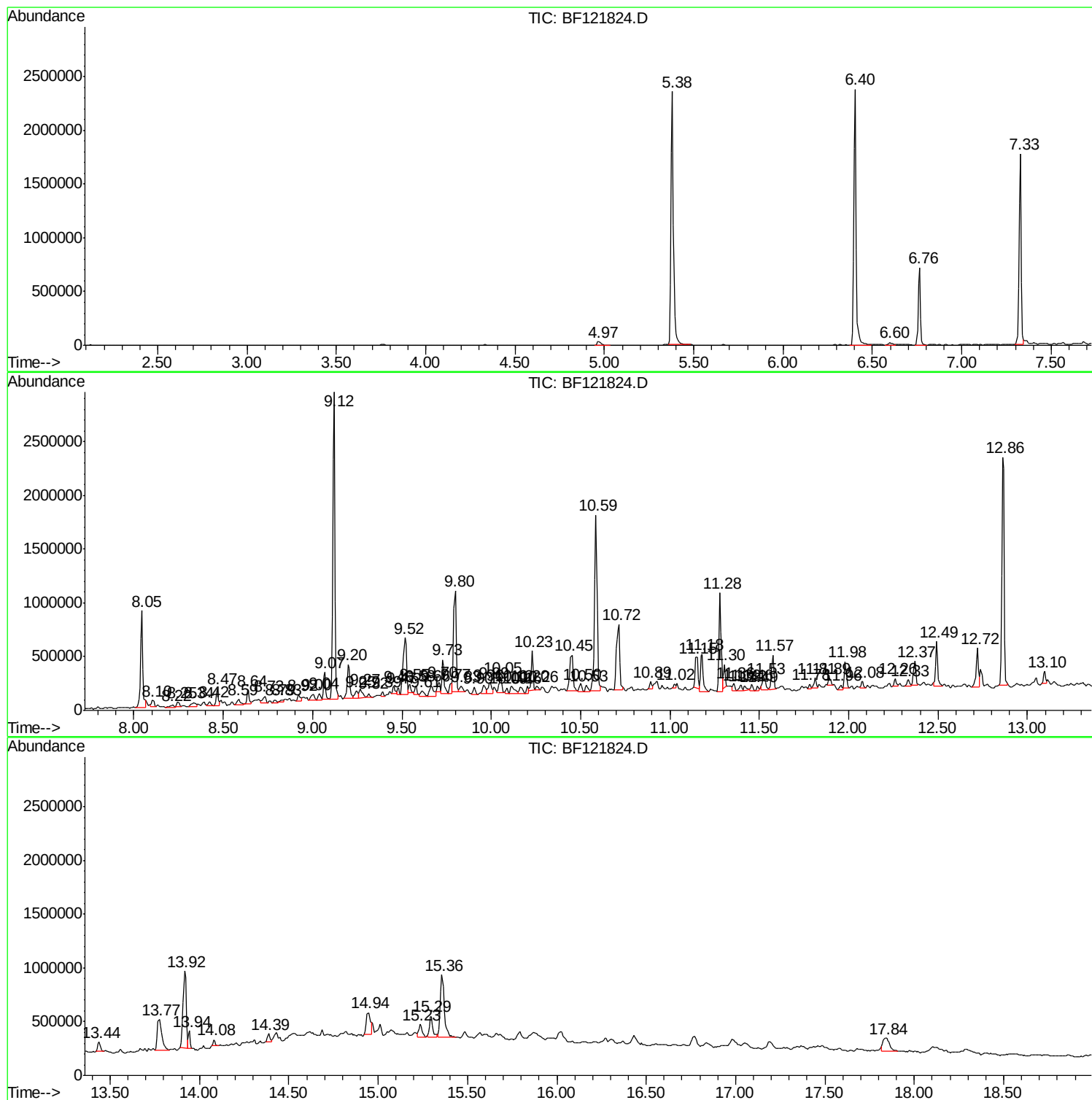
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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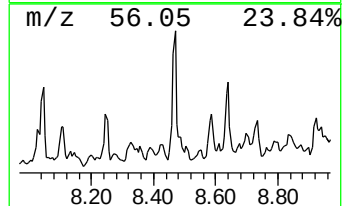
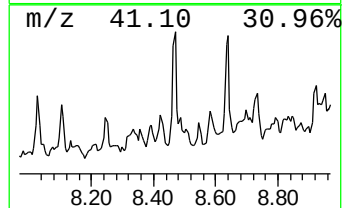
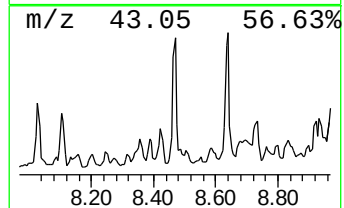
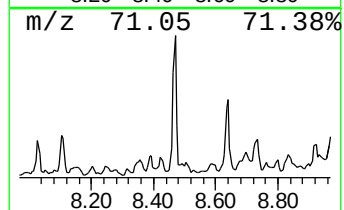
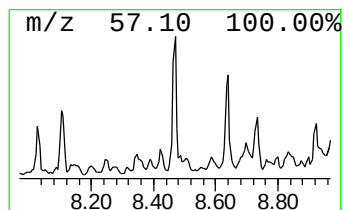
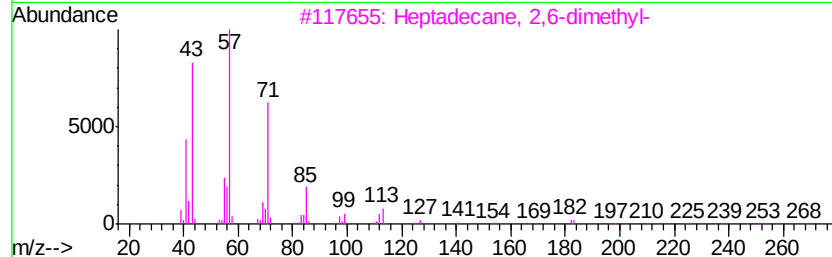
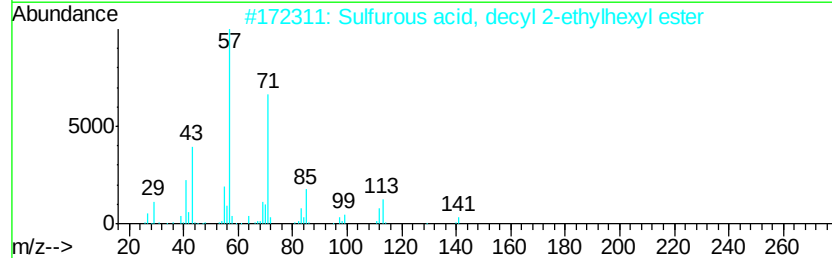
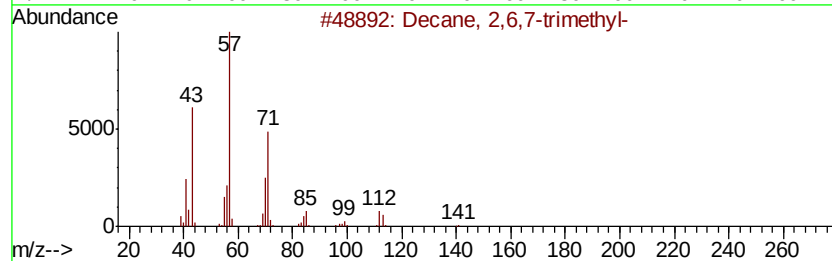
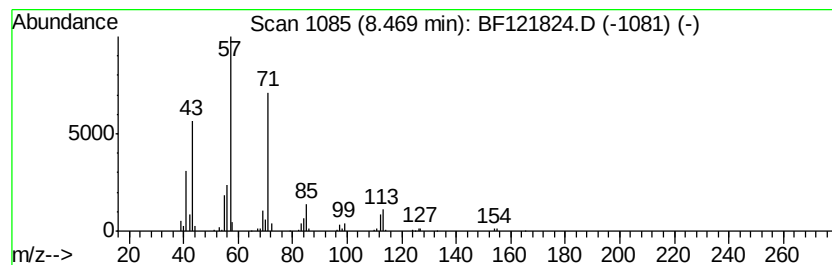
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Decane, 2,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.47	3.57 ng	147794	Naphthalene-d8	8.05		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	83	
2	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	80	
3	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	80	
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	72	
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59	



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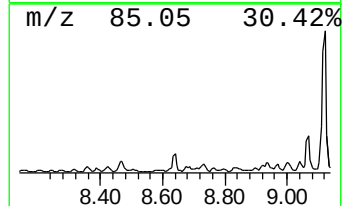
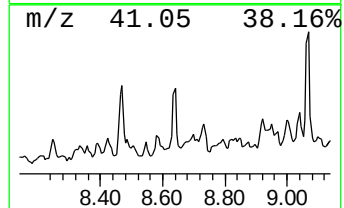
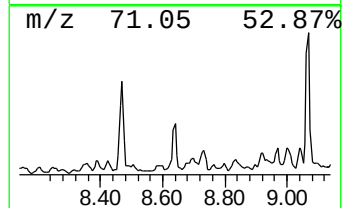
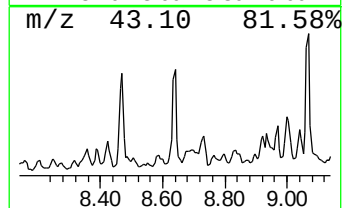
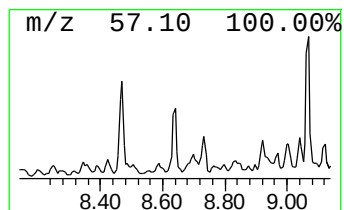
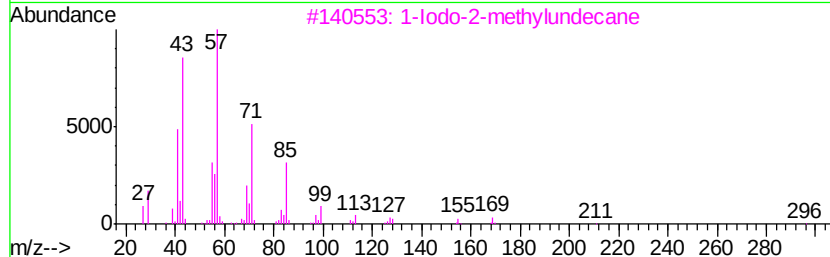
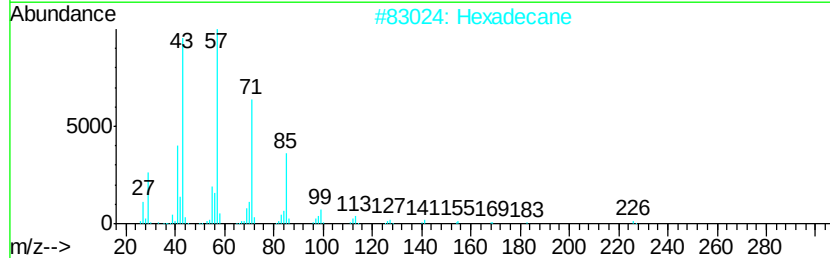
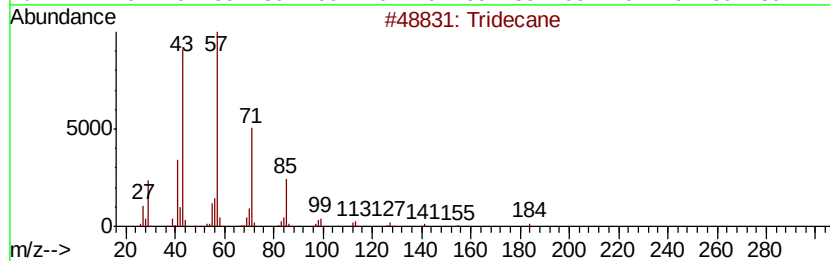
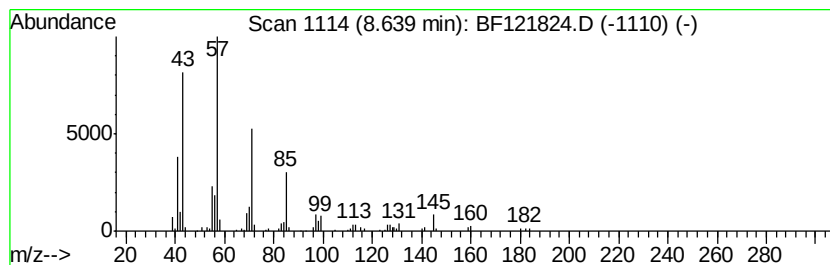
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 2 Tridecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.
8.64	3.12 ng	129272	Naphthalene-d8		8.05
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Hexadecane	226	C16H34	000544-76-3	72
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
4	Heneicosane	296	C21H44	000629-94-7	64
5	Tetradecane	198	C14H30	000629-59-4	64



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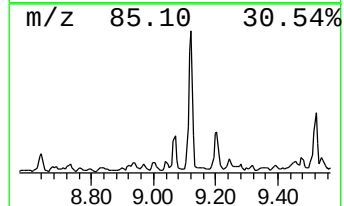
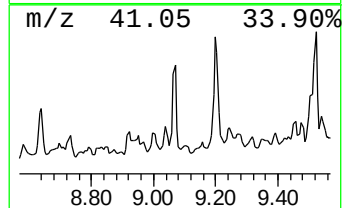
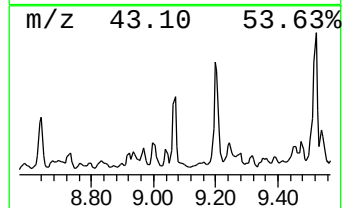
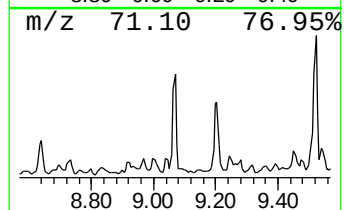
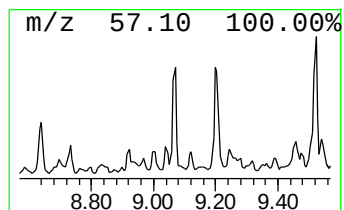
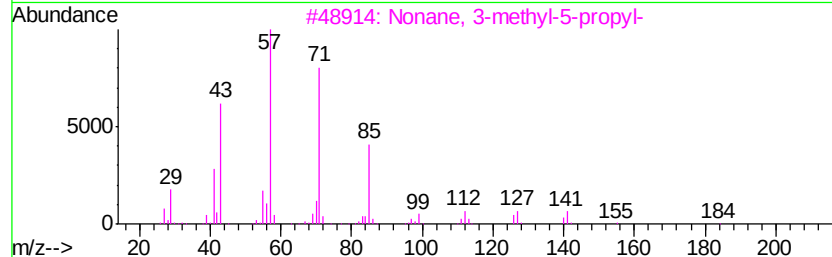
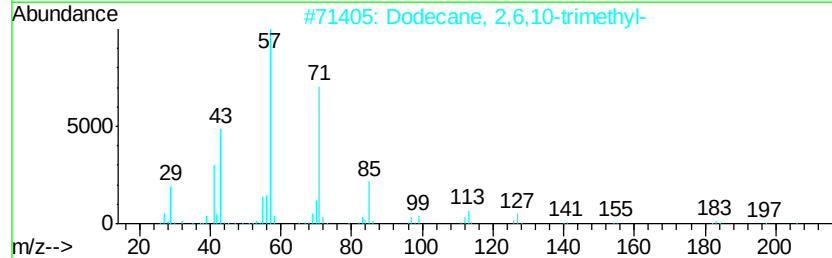
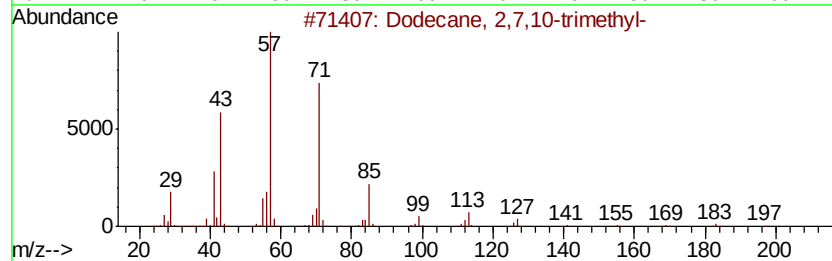
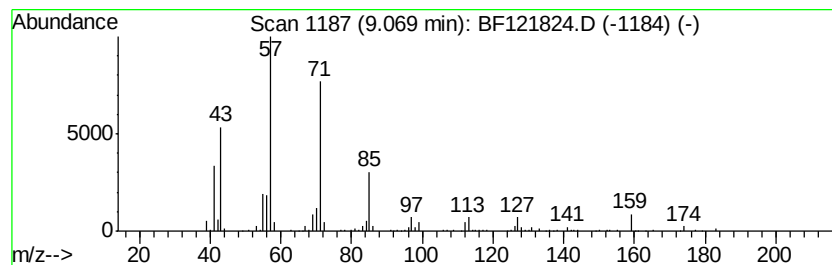
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Dodecane, 2,7,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.07	5.27 ng	216971	Acenaphthene-d10		9.80	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	87	
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86	
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	78	
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72	
5	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	53	



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 DUP-4

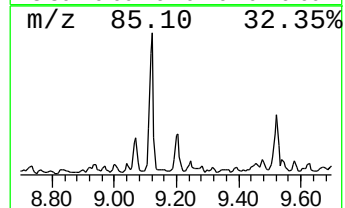
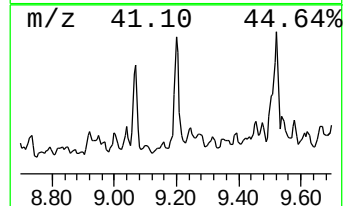
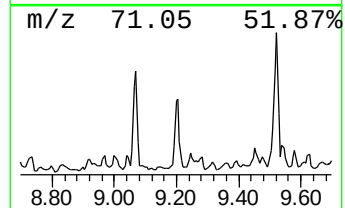
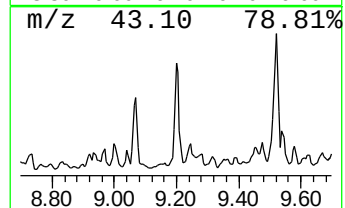
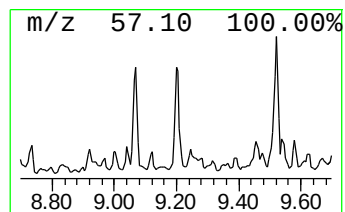
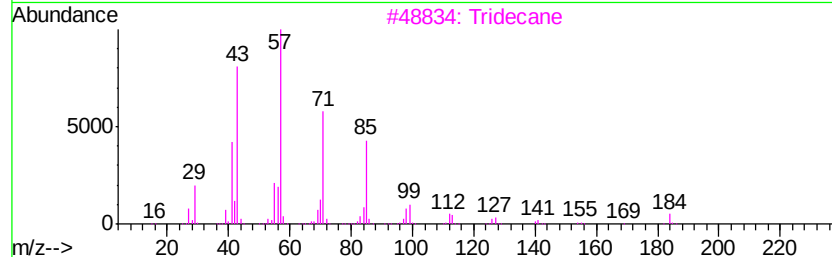
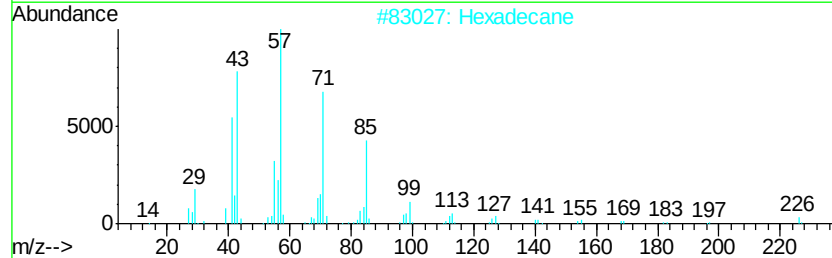
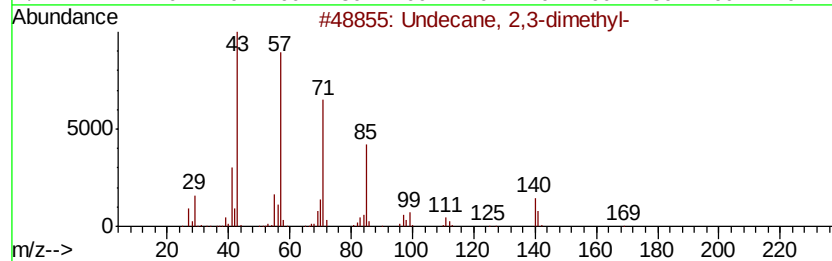
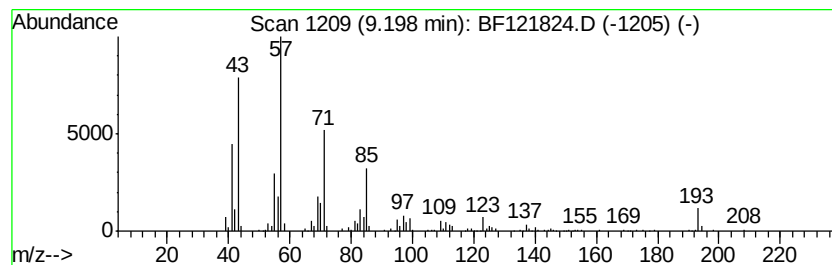
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 4 Undecane, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.20	8.60 ng	354207	Acenaphthene-d10		9.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,3-dimethyl-			184	C13H28	017312-77-5	64
2	Hexadecane			226	C16H34	000544-76-3	58
3	Tridecane			184	C13H28	000629-50-5	58
4	Tetradecane			198	C14H30	000629-59-4	58
5	Heptacosane			380	C27H56	000593-49-7	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121824.D
Acq On : 5 Oct 2020 18:47
Operator : JU/CG
Sample : L4247-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-4

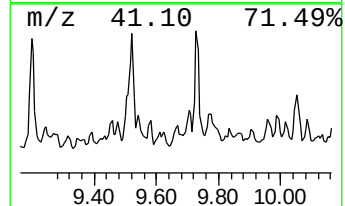
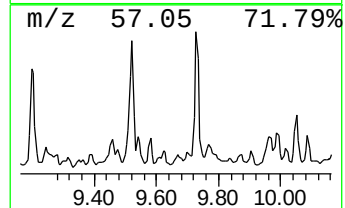
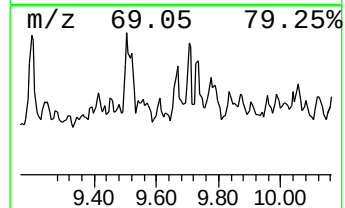
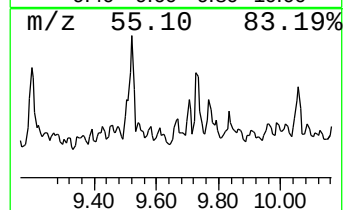
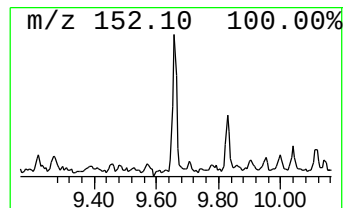
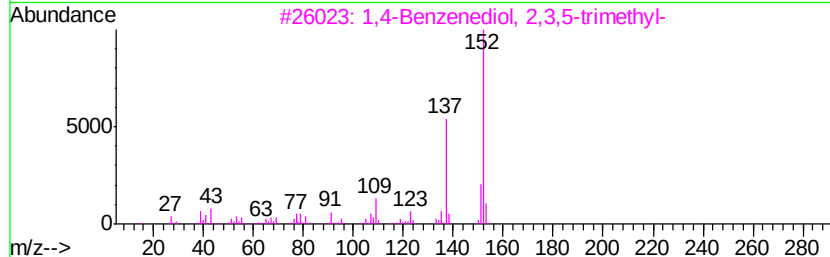
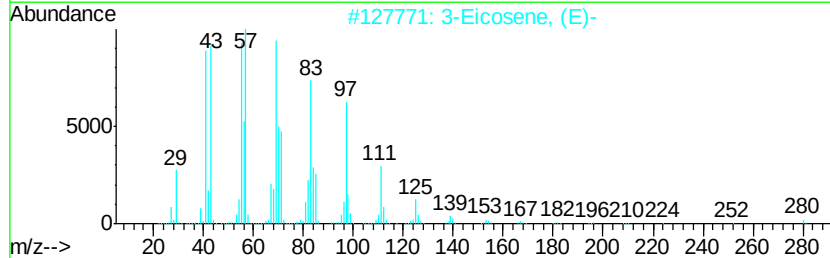
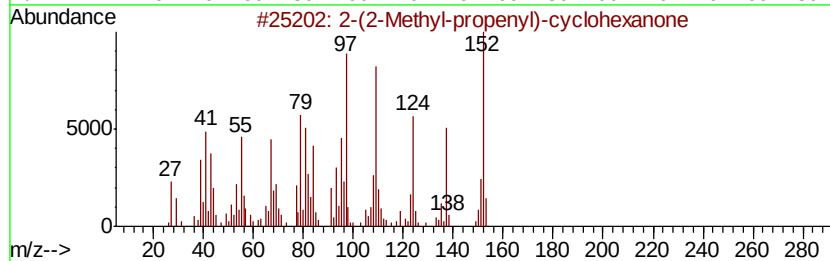
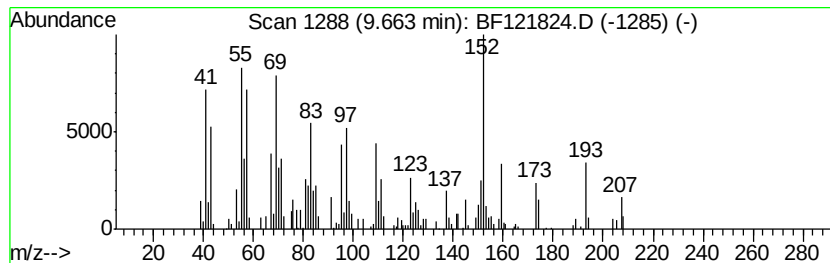
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown9.66 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	3.92 ng	161618	Acenaphthene-d10	9.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2		(2-Methyl-propenyl)-cyclohexanone	152	C10H16O	065737-44-2	43
2	3		Eicosene, (E)-	280	C20H40	074685-33-9	35
3	1,4		Benzenediol, 2,3,5-trimethyl-	152	C9H12O2	000700-13-0	30
4			Bicyclo(3.3.1)nonane-2,6-dione	152	C9H12O2	016473-11-3	30
5	2H		Pyrrrol-2-one, 1,5-dihydro-4-(...	152	C8H12N2O	105776-93-0	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
 Data File : BF121824.D
 Acq On : 5 Oct 2020 18:47
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 Sample : L4247-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 DUP-4

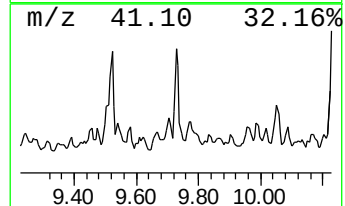
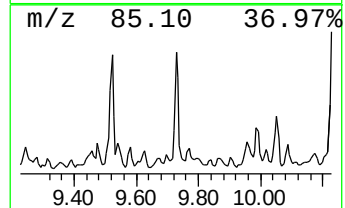
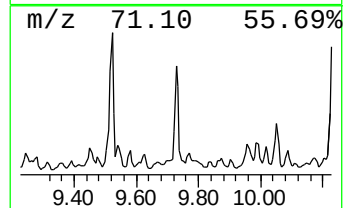
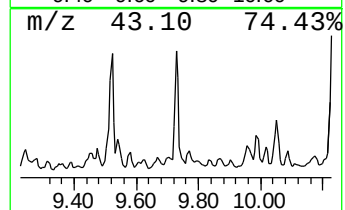
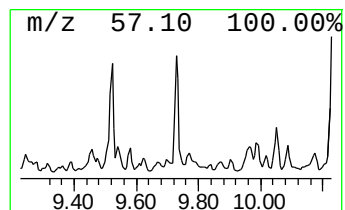
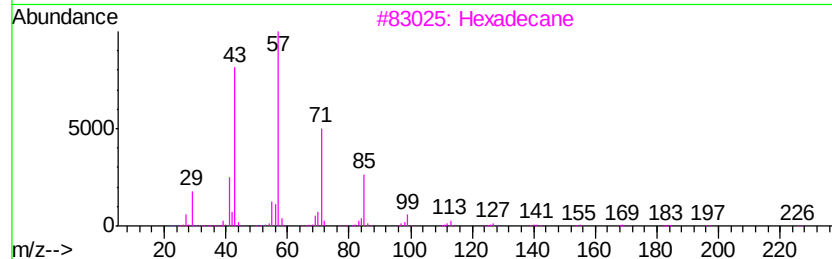
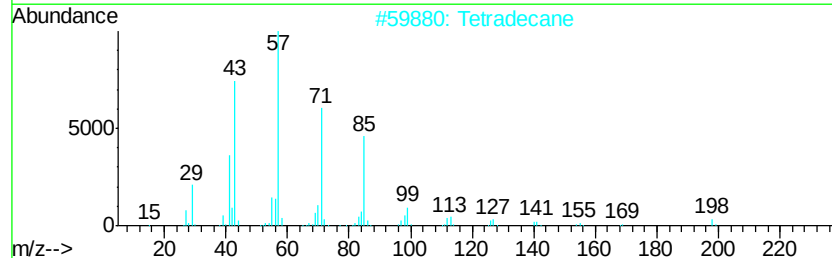
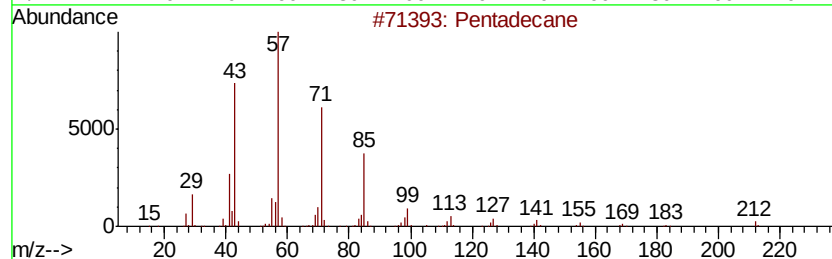
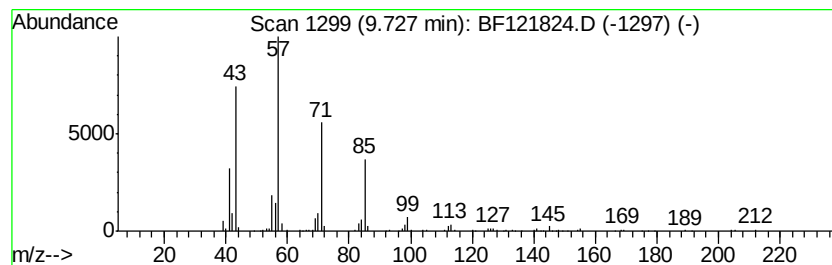
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 6 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	6.58 ng	271046	Acenaphthene-d10	9.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	93
2	Tetradecane		198	C14H30	000629-59-4	90
3	Hexadecane		226	C16H34	000544-76-3	90
4	Tridecane		184	C13H28	000629-50-5	86
5	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121824.D
Acq On : 5 Oct 2020 18:47
Operator : JU/CG
Sample : L4247-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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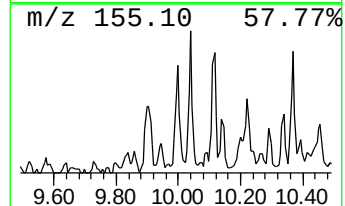
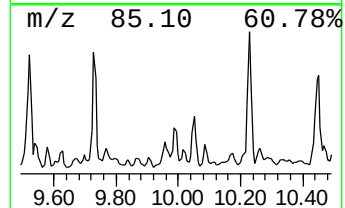
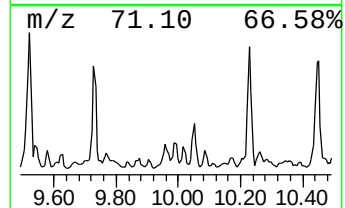
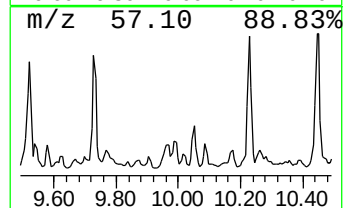
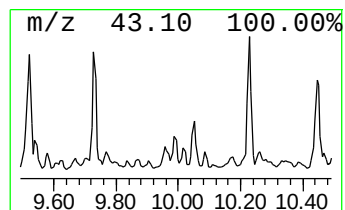
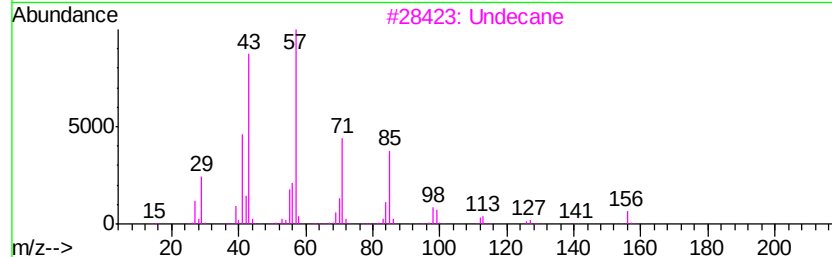
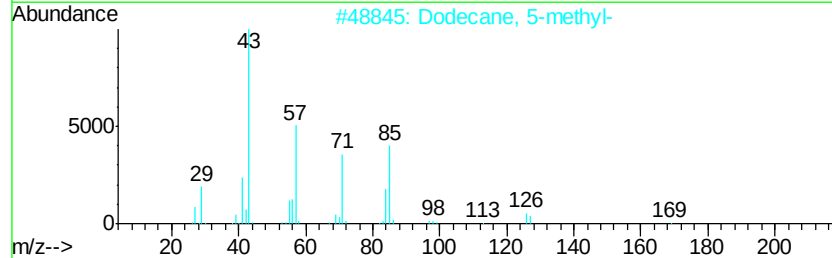
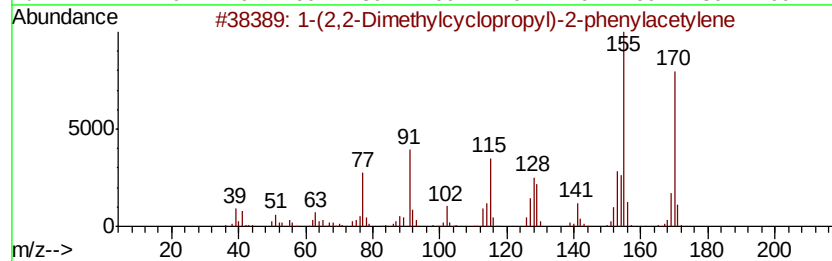
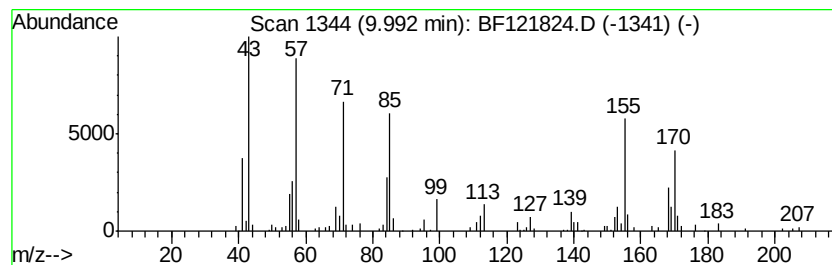
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown9.99 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	3.43 ng	141183	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	38
2		Dodecane, 5-methyl-	184	C13H28	017453-93-9	30
3		Undecane	156	C11H24	001120-21-4	30
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	27
5		Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
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Operator : JU/CG
Sample : L4247-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

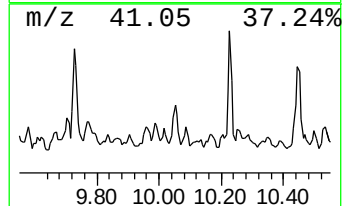
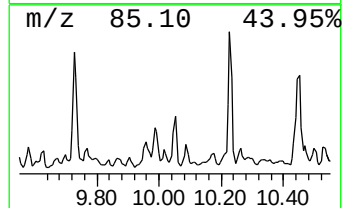
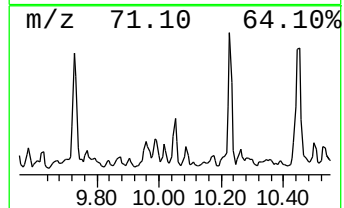
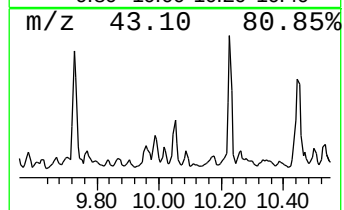
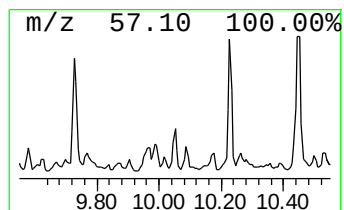
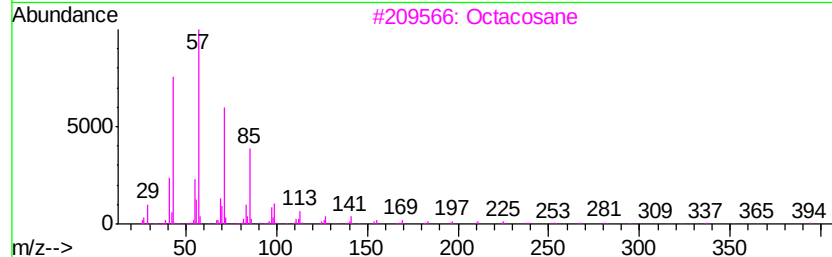
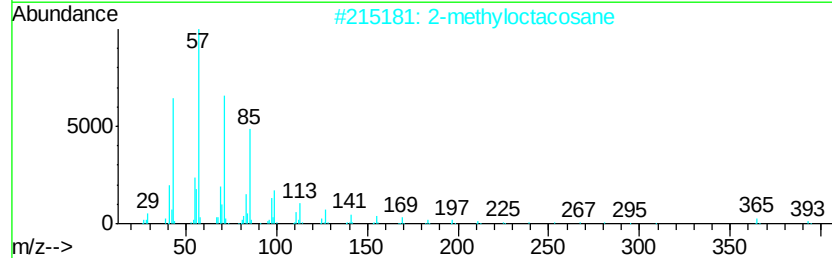
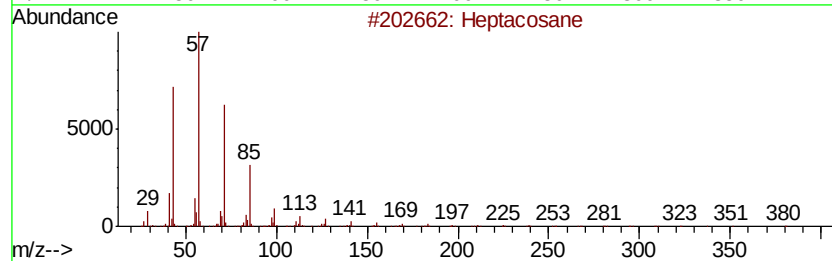
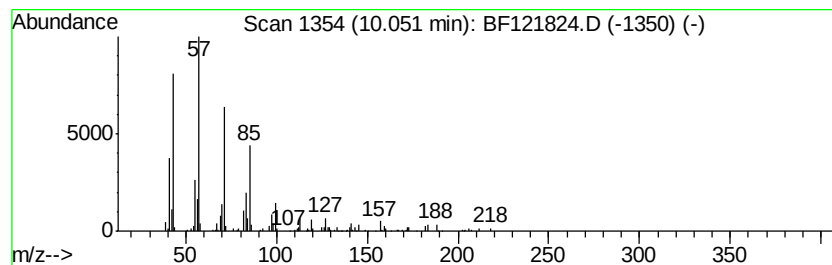
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Heptacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	4.21 ng	173399	Acenaphthene-d10	9.80
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptacosane	380 C27H56	000593-49-7	72
2	2-methyloctacosane	408 C29H60	1000376-72-8	72
3	Octacosane	394 C28H58	000630-02-4	72
4	Hexacosane	366 C26H54	000630-01-3	72
5	Heneicosane	296 C21H44	000629-94-7	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
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Sample : L4247-07
Misc :
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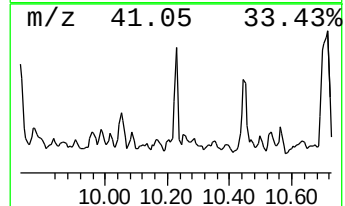
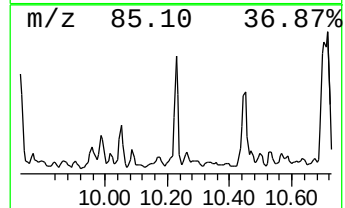
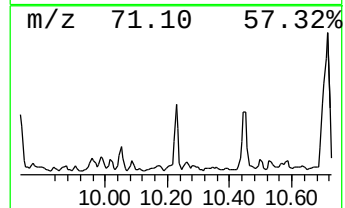
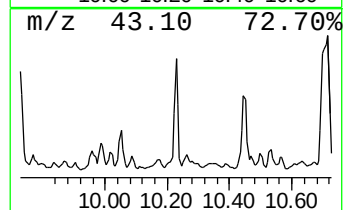
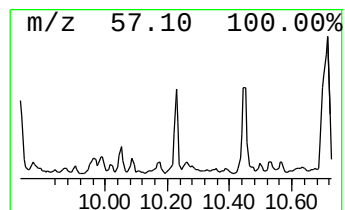
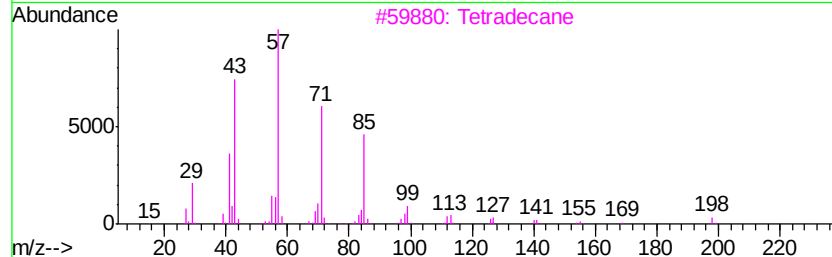
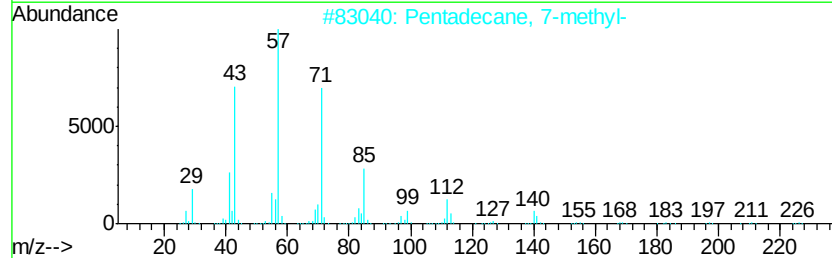
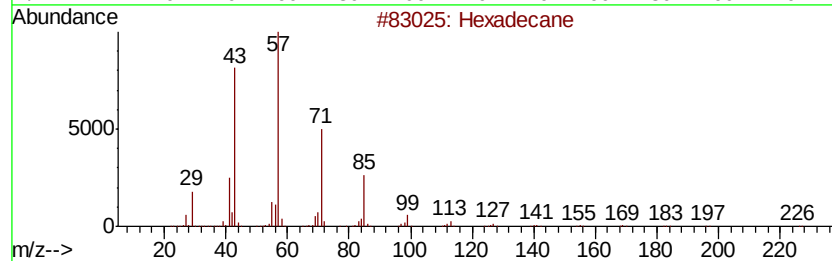
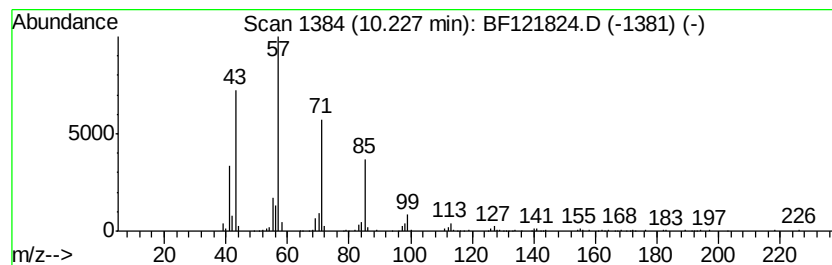
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.23	6.92 ng	285253	Acenaphthene-d10		9.80
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
3	Tetradecane	198	C14H30	000629-59-4	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Decane, 3-methyl-	156	C11H24	013151-34-3	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
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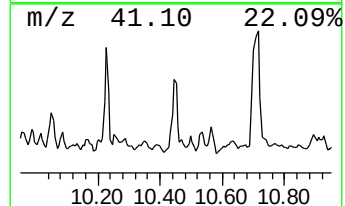
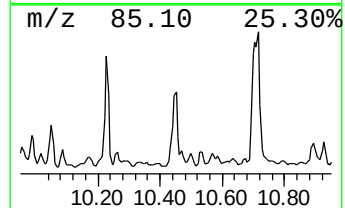
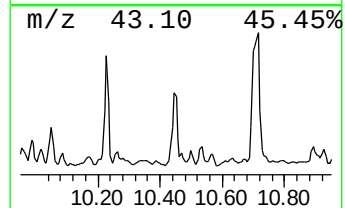
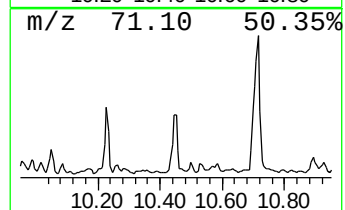
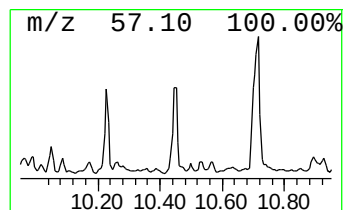
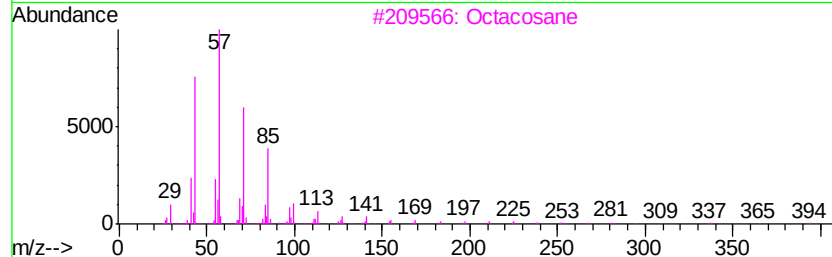
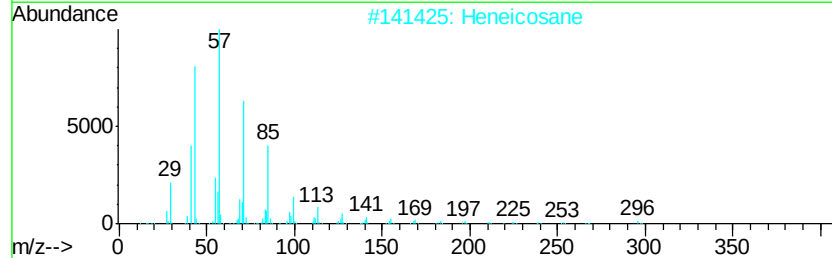
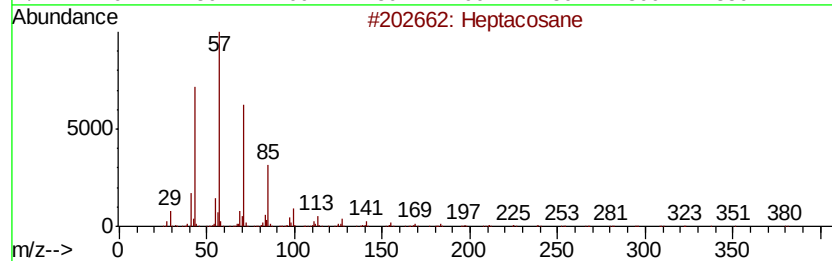
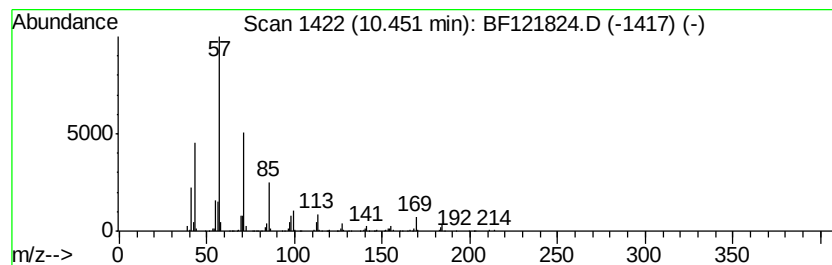
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.45	9.78 ng	402854	Acenaphthene-d10	9.80	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	86
2	Heneicosane	296	C21H44	000629-94-7	72
3	Octacosane	394	C28H58	000630-02-4	72
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5	Eicosane	282	C20H42	000112-95-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121824.D
Acq On : 5 Oct 2020 18:47
Operator : JU/CG
Sample : L4247-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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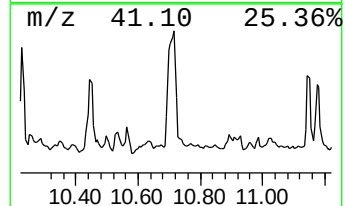
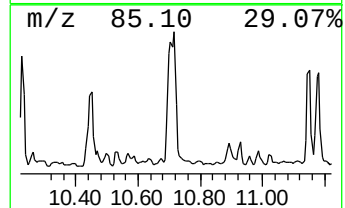
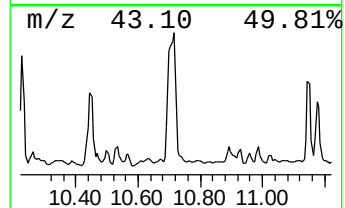
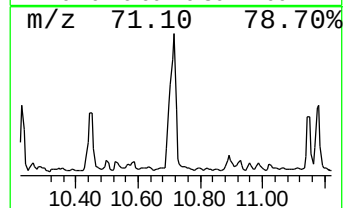
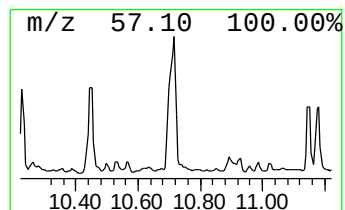
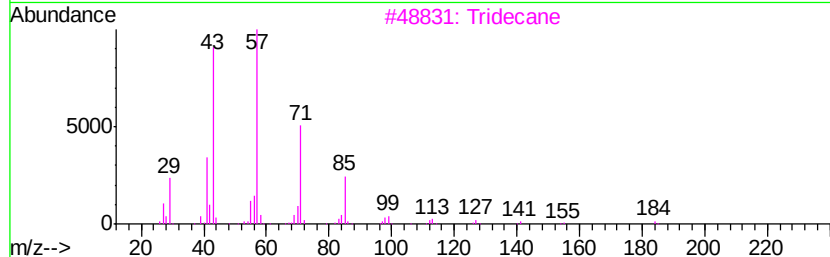
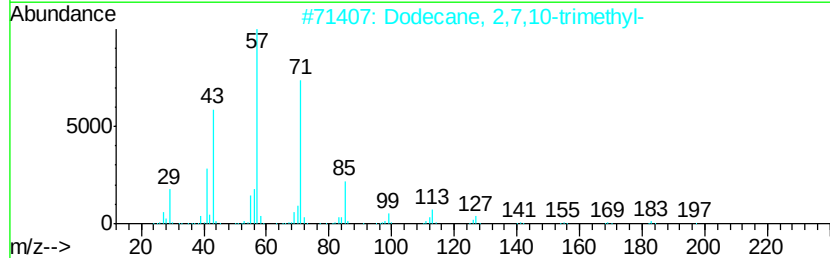
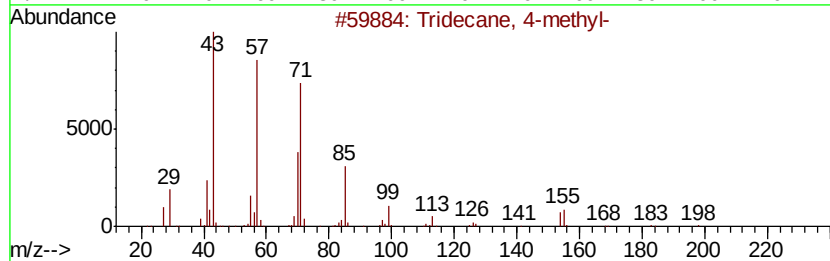
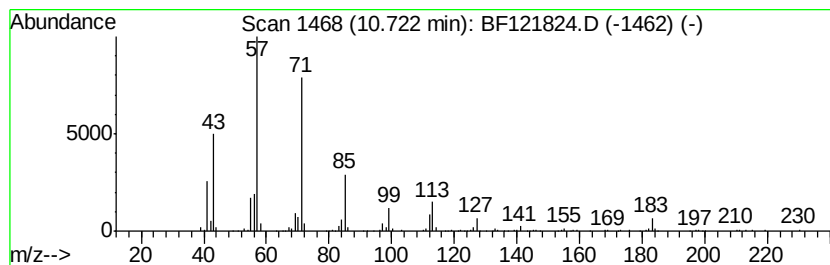
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Tridecane, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	22.80 ng	863707	Phenanthrene-d10	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	87
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3		Tridecane	184	C13H28	000629-50-5	80
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121824.D
Acq On : 5 Oct 2020 18:47
Operator : JU/CG
Sample : L4247-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

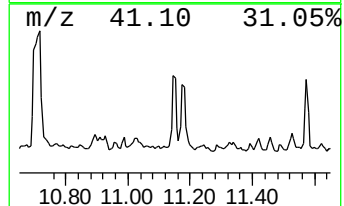
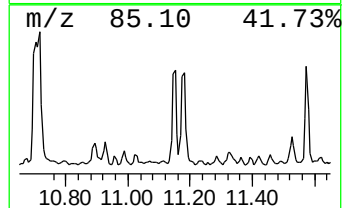
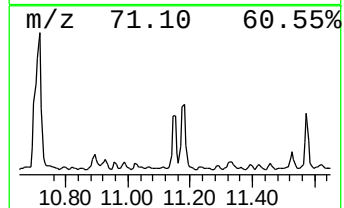
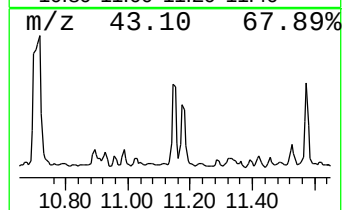
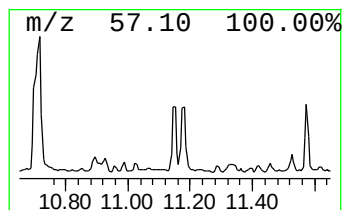
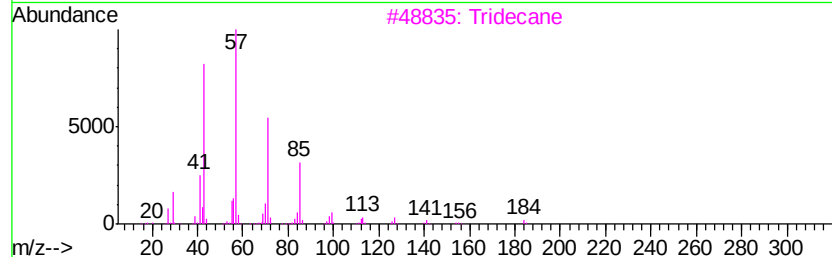
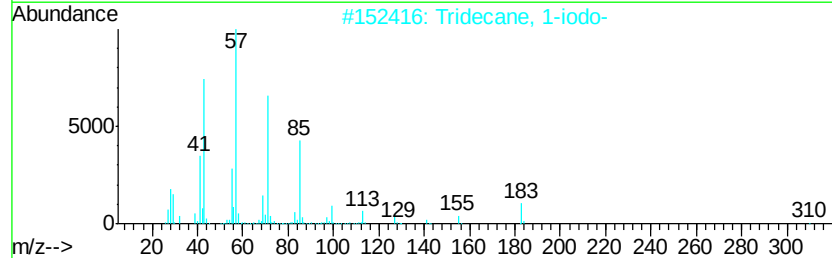
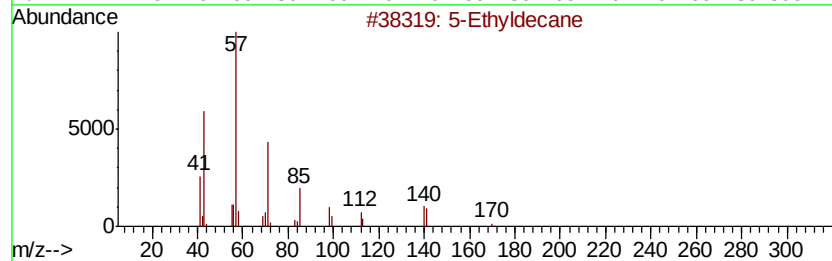
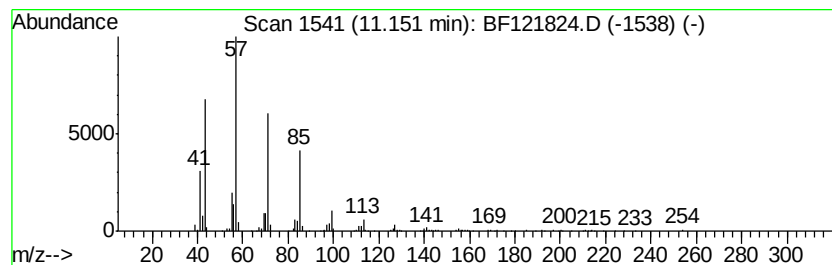
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 5-Ethyldecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.15	6.70 ng	253667	Phenanthrene-d10	11.28	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethyldecane	170	C12H26	017302-36-2	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3	Tridecane	184	C13H28	000629-50-5	86
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	83
5	Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
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Acq On : 5 Oct 2020 18:47
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Sample : L4247-07
Misc :
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Instrument :
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ClientSampleId :
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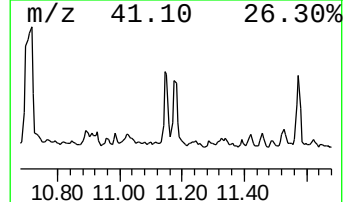
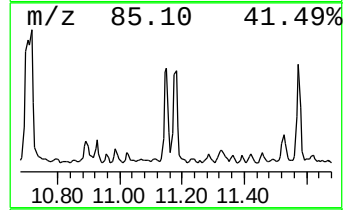
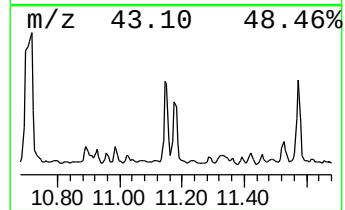
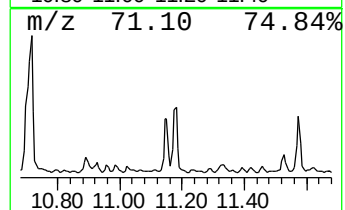
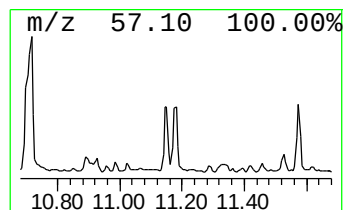
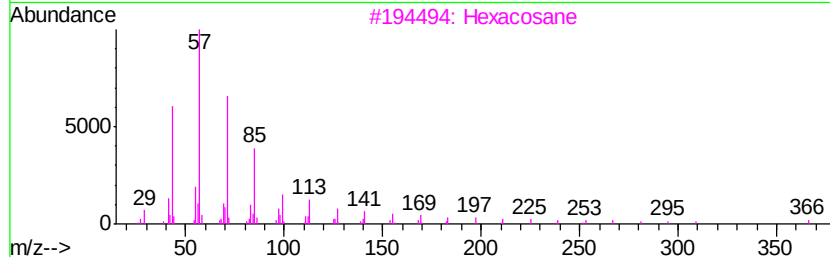
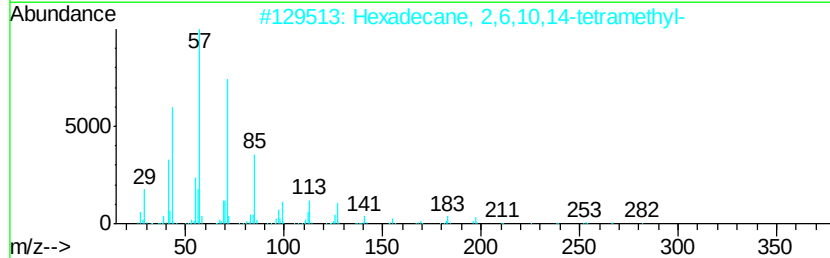
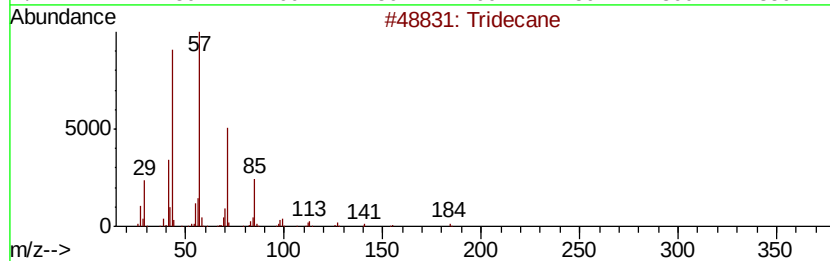
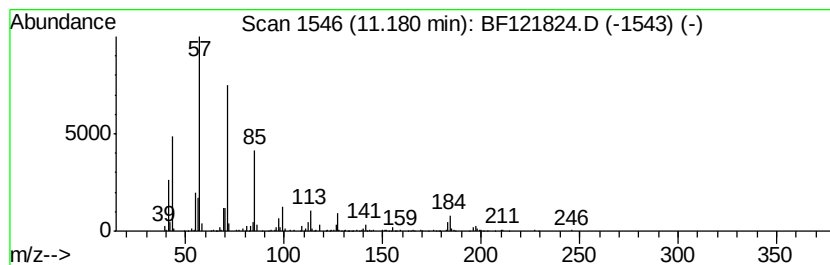
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Hexadecane, 2,6,10,14-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	9.88 ng	374332	Phenanthrene-d10	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	91
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
3		Hexacosane	366	C26H54	000630-01-3	90
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5		Tetracosane	338	C24H50	000646-31-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
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Sample : L4247-07
Misc :
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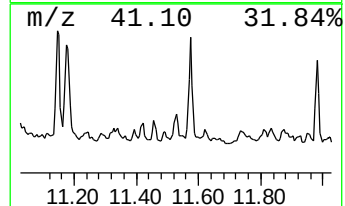
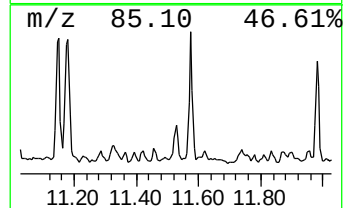
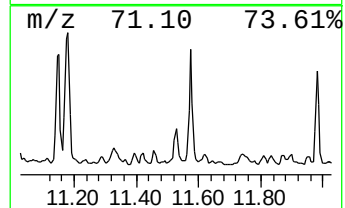
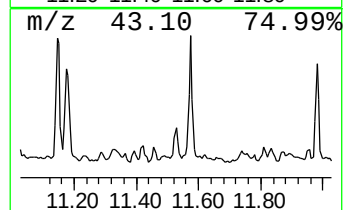
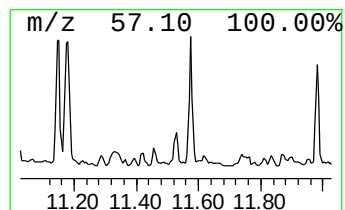
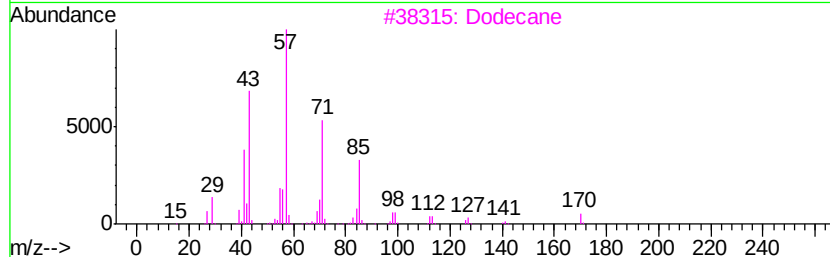
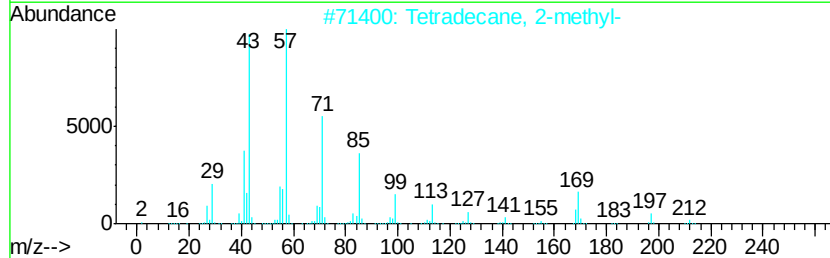
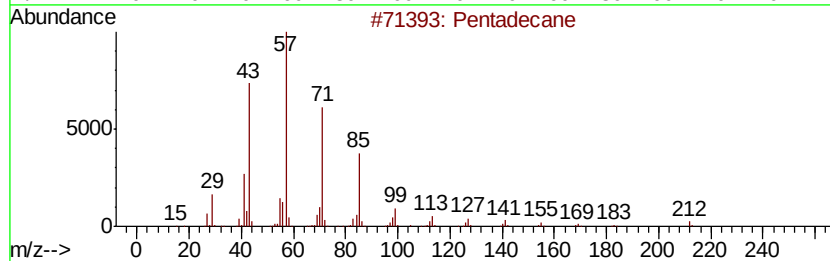
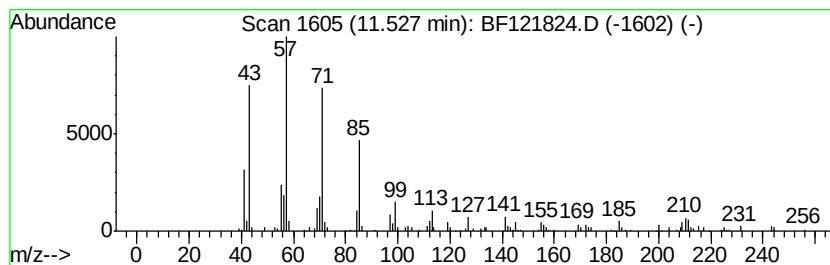
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Tetradecane, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	3.27 ng	123830	Phenanthrene-d10	11.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	93
2	Tetradecane, 2-methyl-	212 C15H32	001560-95-8	90
3	Dodecane	170 C12H26	000112-40-3	90
4	Heneicosane	296 C21H44	000629-94-7	87
5	Tetracosane	338 C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
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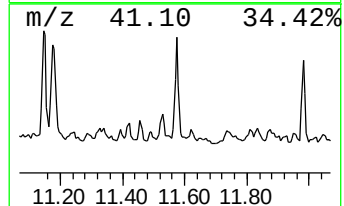
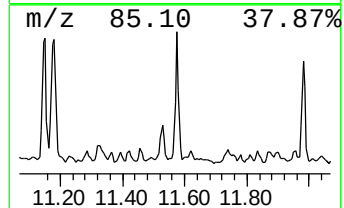
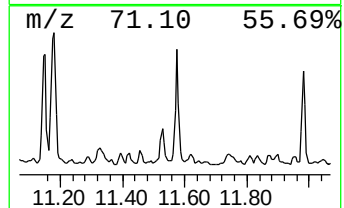
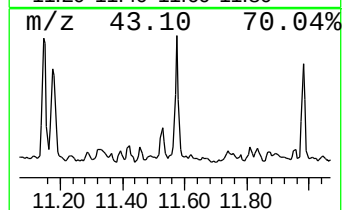
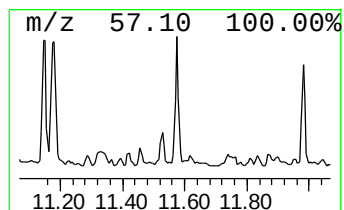
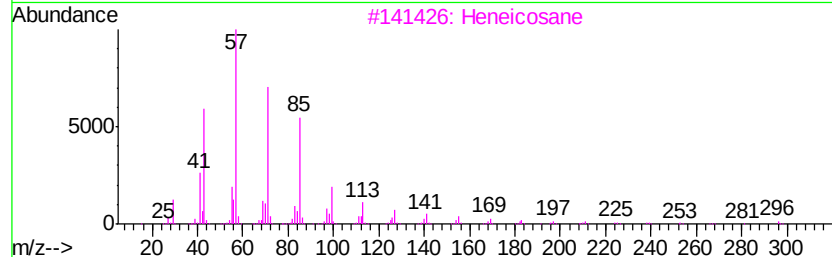
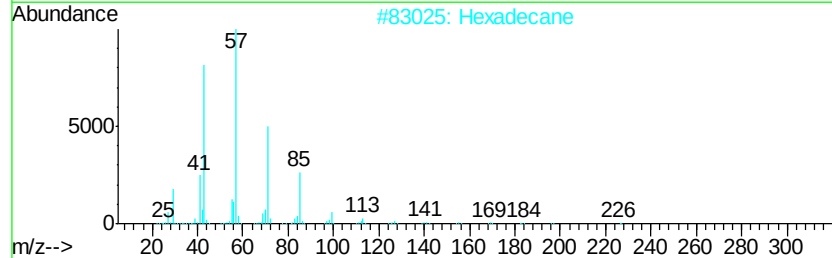
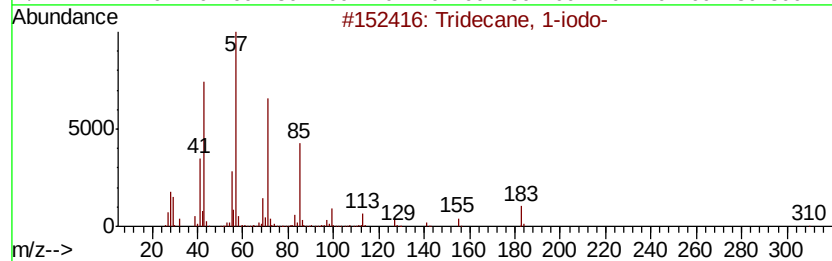
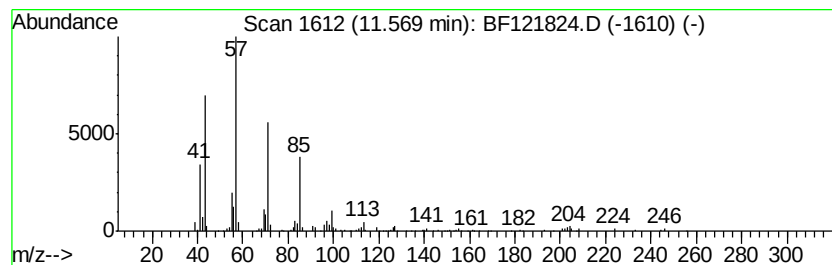
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Tridecane, 1-iodo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	6.45 ng	244179	Phenanthrene-d10	11.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
2			Hexadecane	226	C16H34	000544-76-3	90
3			Heneicosane	296	C21H44	000629-94-7	90
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
5			Nonane, 5-butyl-	184	C13H28	017312-63-9	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
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Acq On : 5 Oct 2020 18:47
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Sample : L4247-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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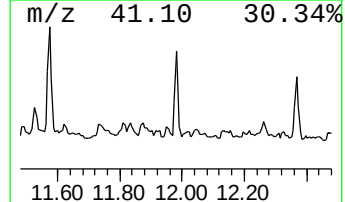
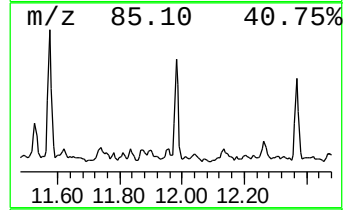
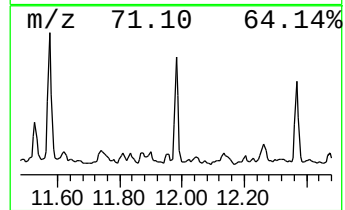
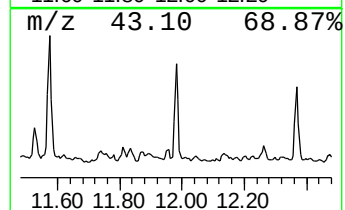
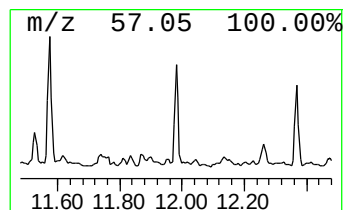
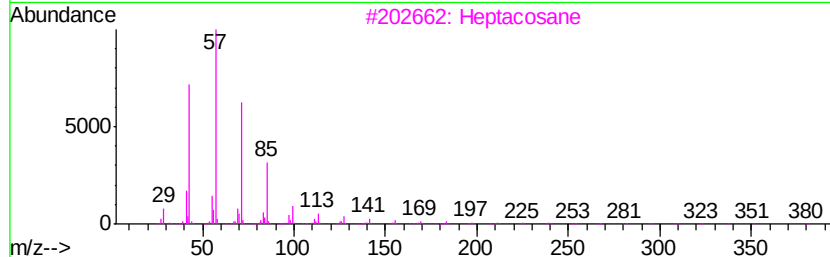
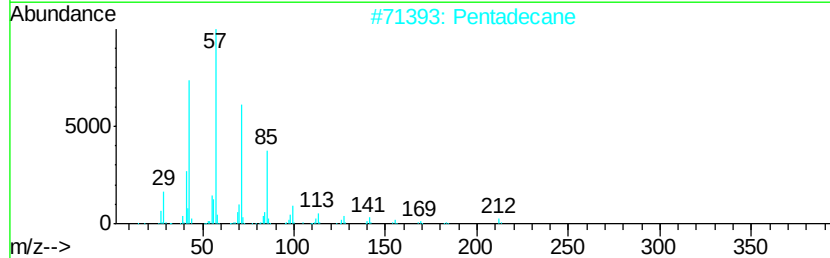
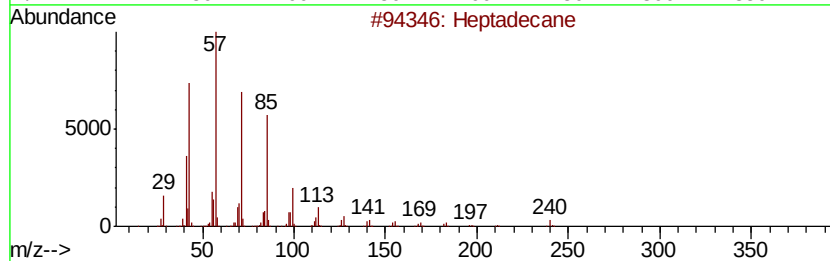
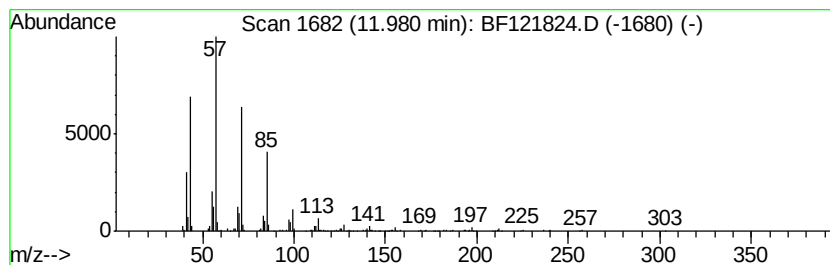
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	4.96 ng	187981	Phenanthrene-d10	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	97
2		Pentadecane	212	C15H32	000629-62-9	96
3		Heptacosane	380	C27H56	000593-49-7	91
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
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Acq On : 5 Oct 2020 18:47
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Sample : L4247-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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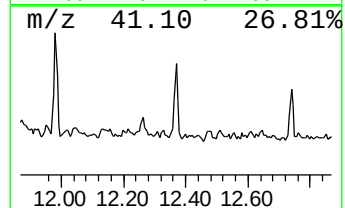
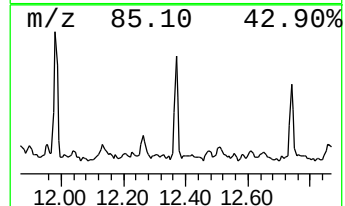
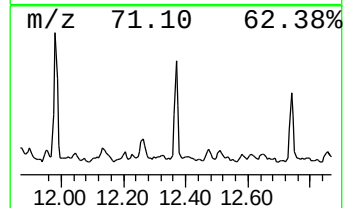
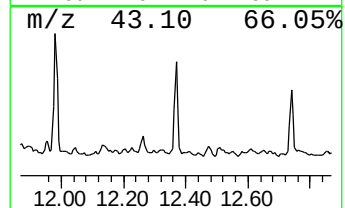
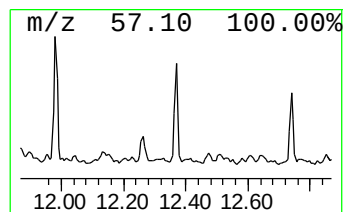
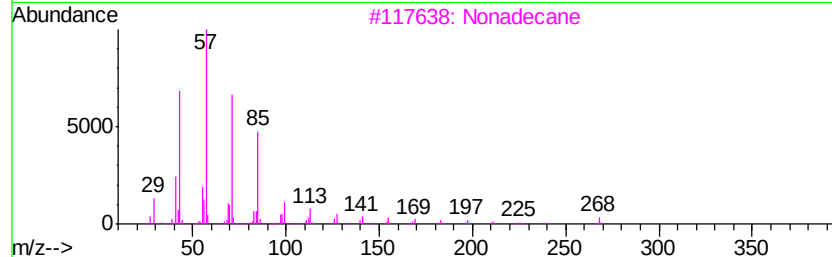
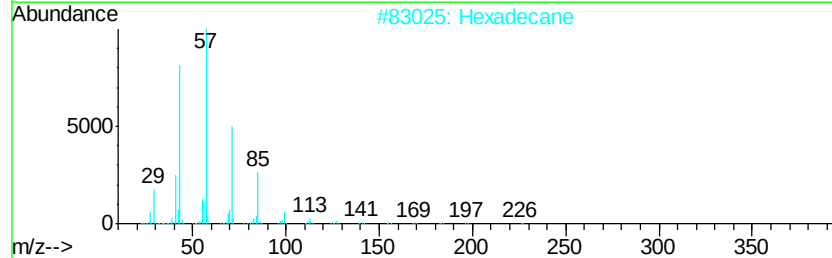
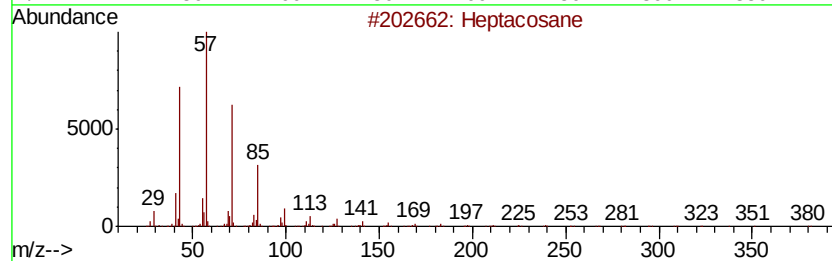
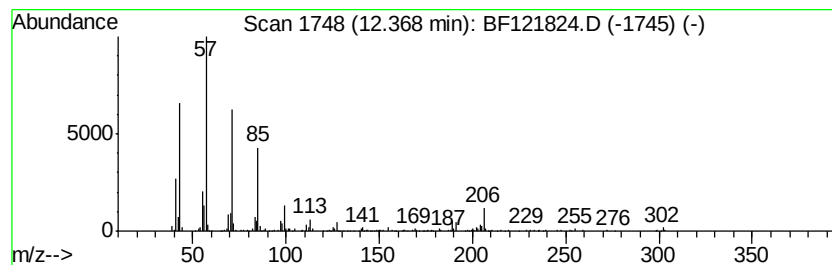
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Nonadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	4.67 ng	176887	Phenanthrene-d10	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	74
2		Hexadecane	226	C16H34	000544-76-3	72
3		Nonadecane	268	C19H40	000629-92-5	72
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
5		Tetracosane	338	C24H50	000646-31-1	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
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Operator : JU/CG
Sample : L4247-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

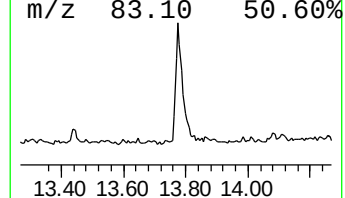
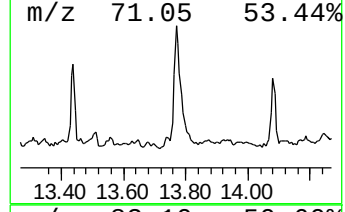
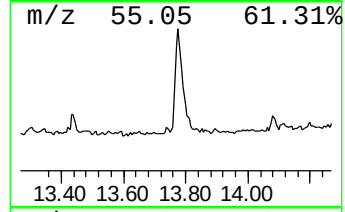
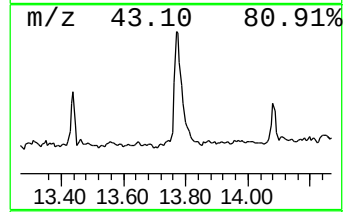
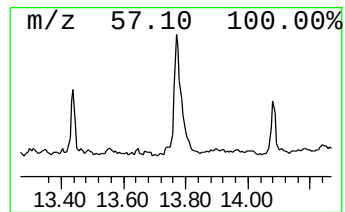
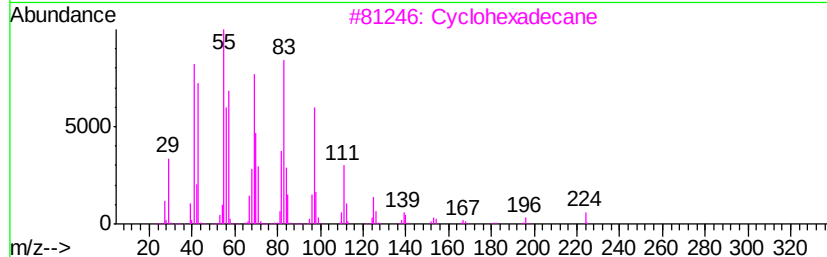
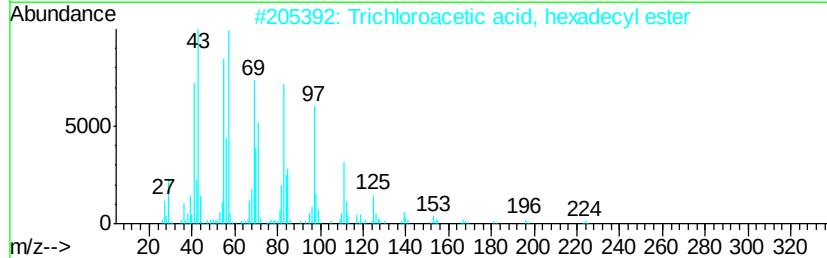
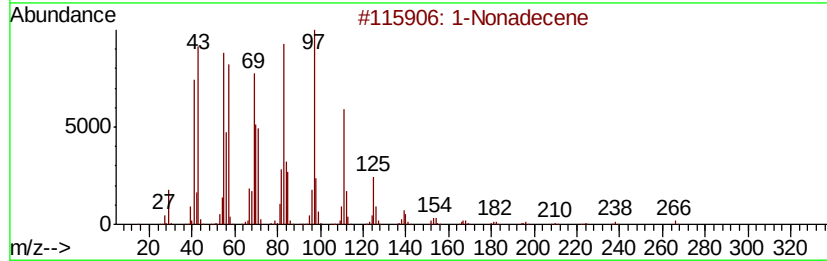
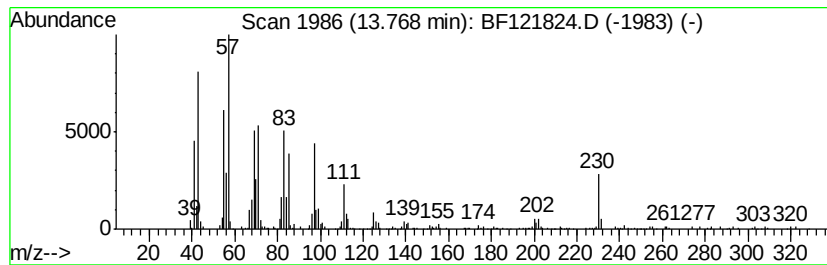
Instrument :
BNA_F
ClientSampleId :
DUP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 1-Nonadecene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	11.45 ng	470279	Chrysene-d12	13.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Nonadecene	266 C19H38	018435-45-5	97
2	Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1	94
3	Cyclohexadecane	224 C16H32	000295-65-8	93
4	Pentafluoropropionic acid, penta...	374 C18H31F5O2	959092-08-1	91
5	Heptafluorobutyric acid, pentade...	424 C19H31F7O2	959261-23-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121824.D
Acq On : 5 Oct 2020 18:47
Operator : JU/CG
Sample : L4247-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-4

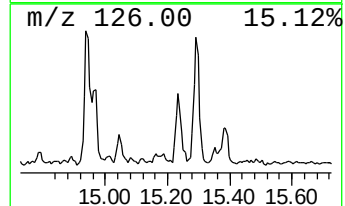
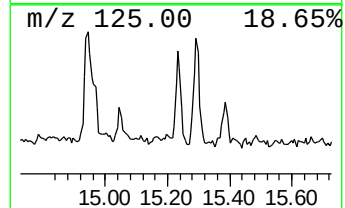
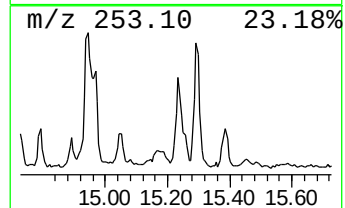
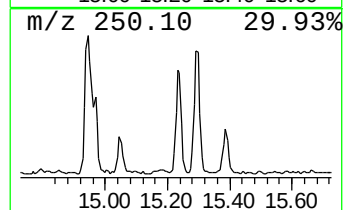
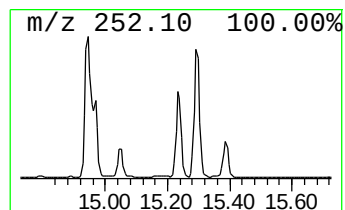
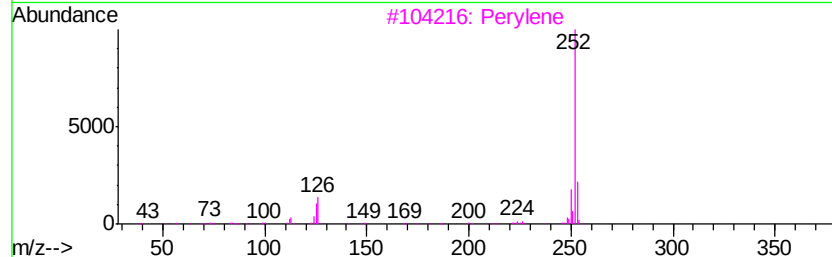
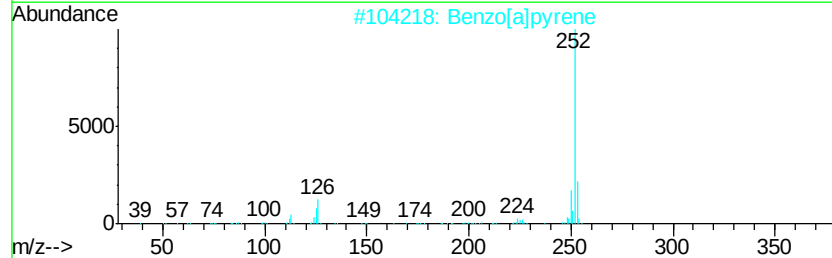
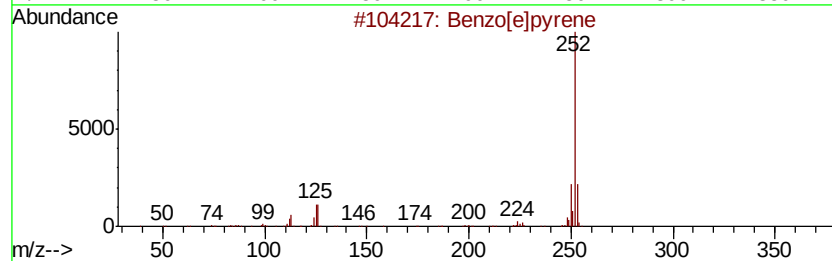
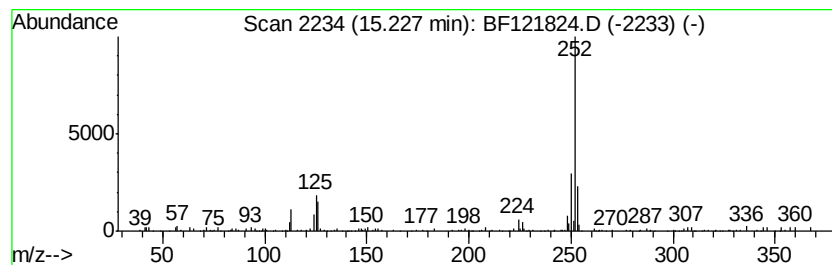
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Benzo[e]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	3.32 ng	144450	Perylene-d12	15.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[a]pyrene	252	C20H12	000050-32-8	98
3			Perylene	252	C20H12	000198-55-0	90
4			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	90
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121824.D
Acq On : 5 Oct 2020 18:47
Operator : JU/CG
Sample : L4247-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-4

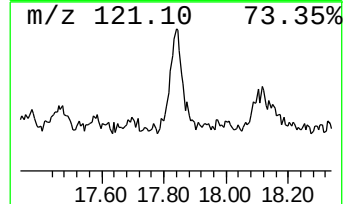
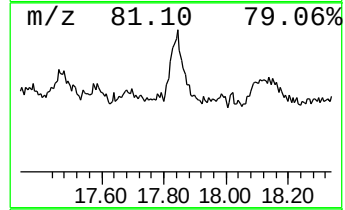
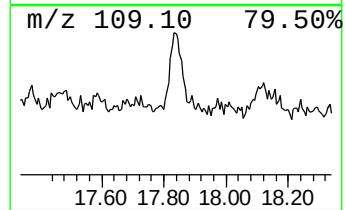
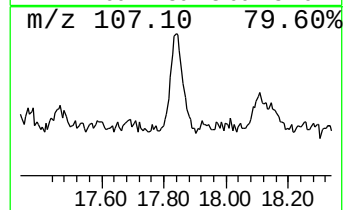
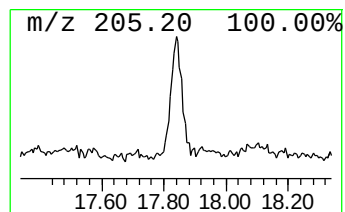
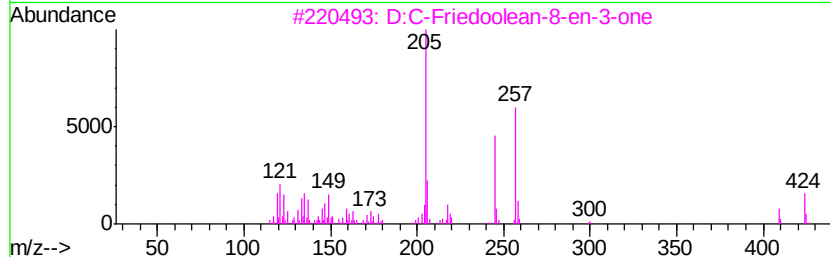
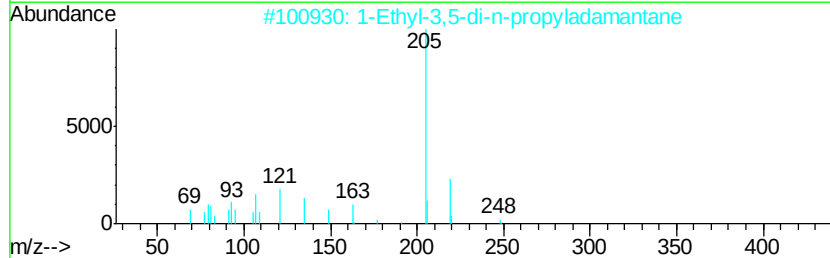
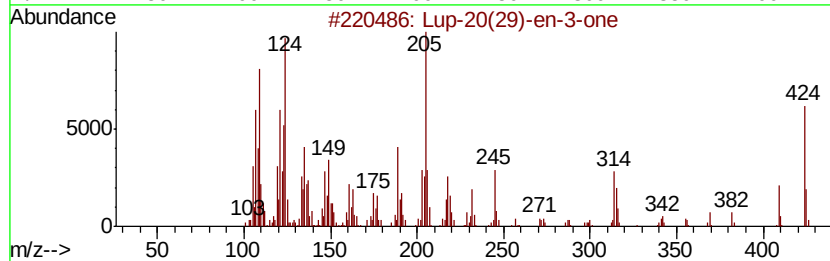
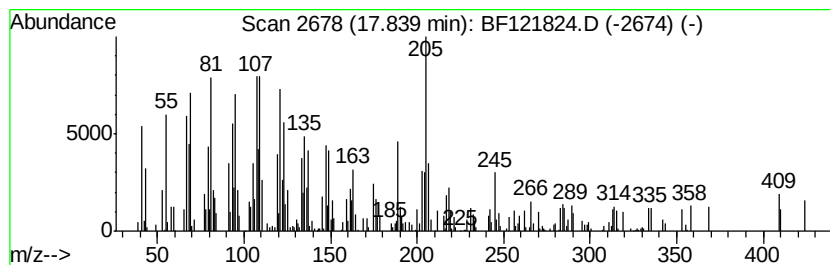
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Lup-20(29)-en-3-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	7.42 ng	322614	Perylene-d12	15.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	50
2		1-Ethyl-3,5-di-n-propyladamantane	248	C18H32	1000215-00-4	46
3		D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	42
4		4,7-Methanoazulene, decahydro-1,...	206	C15H26	020478-88-0	42
5		1-Oxaspiro[2.5]octane, 5,5-dimet...	206	C14H22O	1000195-92-1	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100520\
 Data File : BF121824.D
 Acq On : 5 Oct 2020 18:47
 Operator : JU/CG
 Sample : L4247-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Decane, 2,6,7-tri...	8.47	3.6	ng	147794	2	8.05	829034	20.0
Tridecane	8.64	3.1	ng	129272	2	8.05	829034	20.0
Dodecane, 2,7,10-...	9.07	5.3	ng	216971	3	9.80	823990	20.0
Undecane, 2,3-dim...	9.20	8.6	ng	354207	3	9.80	823990	20.0
unknown9.66	9.66	3.9	ng	161618	3	9.80	823990	20.0
Pentadecane	9.73	6.6	ng	271046	3	9.80	823990	20.0
unknown9.99	9.99	3.4	ng	141183	3	9.80	823990	20.0
Heptacosane	10.05	4.2	ng	173399	3	9.80	823990	20.0
Hexadecane	10.23	6.9	ng	285253	3	9.80	823990	20.0
Heneicosane	10.45	9.8	ng	402854	3	9.80	823990	20.0
Tridecane, 4-methyl-	10.72	22.8	ng	863707	4	11.28	757637	20.0
5-Ethyldecane	11.15	6.7	ng	253667	4	11.28	757637	20.0
Hexadecane, 2,6,1...	11.18	9.9	ng	374332	4	11.28	757637	20.0
Tetradecane, 2-me...	11.53	3.3	ng	123830	4	11.28	757637	20.0
Tridecane, 1-iodo-	11.57	6.5	ng	244179	4	11.28	757637	20.0
Heptadecane	11.98	5.0	ng	187981	4	11.28	757637	20.0
Nonadecane	12.37	4.7	ng	176887	4	11.28	757637	20.0
1-Nonadecene	13.77	11.4	ng	470279	5	13.92	821146	20.0
Benzo[e]pyrene	15.23	3.3	ng	144450	6	15.36	869776	20.0
Lup-20(29)-en-3-one	17.84	7.4	ng	322614	6	15.36	869776	20.0