

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF030918\
 Data File : BF103557.D
 Acq On : 9 Mar 2018 15:19
 Operator : SJ/JU
 Sample : J1853-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-WC

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:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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	5.099	509	512	523	rBV	90668	161320	4.40%	0.308%
2	5.487	575	578	607	rBV	2499488	3654034	99.58%	6.985%
3	6.504	747	751	770	rBV	2552238	3669430	100.00%	7.015%
4	6.640	770	774	780	rBV	2966567	3258895	88.81%	6.230%
5	6.863	809	812	824	rBV	907849	969062	26.41%	1.853%
6	7.016	835	838	847	rBV	2215851	2293980	62.52%	4.385%
7	7.387	895	901	905	rBV3	57781	75974	2.07%	0.145%
8	7.434	905	909	925	rBV	1842646	2584326	70.43%	4.940%
9	7.545	926	928	933	rVV4	50636	82953	2.26%	0.159%
10	7.587	933	935	940	rVV3	35565	45411	1.24%	0.087%
11	7.628	940	942	945	rVB2	54626	45744	1.25%	0.087%
12	7.881	981	985	987	rBV	123676	118927	3.24%	0.227%
13	8.087	1015	1020	1022	rBV5	57709	83058	2.26%	0.159%
14	8.110	1022	1024	1028	rVV	357973	396692	10.81%	0.758%
15	8.145	1028	1030	1036	rVV	1035529	1399250	38.13%	2.675%
16	8.187	1036	1037	1041	rVV	315023	261702	7.13%	0.500%
17	8.222	1041	1043	1051	rVB6	76825	133290	3.63%	0.255%
18	8.428	1074	1078	1082	rVB3	169922	216985	5.91%	0.415%
19	8.475	1082	1086	1089	rBV4	76088	91141	2.48%	0.174%
20	8.504	1089	1091	1093	rBV	98321	87737	2.39%	0.168%
21	8.551	1096	1099	1101	rVB	293037	220068	6.00%	0.421%
22	8.645	1112	1115	1117	rBV3	69690	70921	1.93%	0.136%
23	8.722	1125	1128	1132	rBV	596704	471638	12.85%	0.902%
24	8.816	1141	1144	1149	rVB3	110357	130580	3.56%	0.250%
25	8.863	1149	1152	1158	rBV	264811	321162	8.75%	0.614%
26	8.963	1166	1169	1174	rBV	261499	270333	7.37%	0.517%
27	9.004	1174	1176	1177	rBV	92028	68948	1.88%	0.132%
28	9.039	1180	1182	1186	rVB3	130294	172280	4.70%	0.329%
29	9.086	1186	1190	1194	rBV	348577	328044	8.94%	0.627%
30	9.128	1194	1197	1199	rBV	113735	87866	2.39%	0.168%
31	9.151	1199	1201	1204	rBV	341888	244764	6.67%	0.468%
32	9.198	1207	1209	1210	rBV	245425	193997	5.29%	0.371%
33	9.222	1210	1213	1221	rVB	2890034	2782324	75.82%	5.319%
34	9.286	1221	1224	1227	rBV	819475	666501	18.16%	1.274%

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35	9.328	1229	1231	1235	rBV2	108567	84850	2.31%	0.162%
36	9.363	1235	1237	1240	rVB3	108676	87287	2.38%	0.167%
37	9.398	1241	1243	1245	rBV3	54425	53810	1.47%	0.103%
38	9.422	1245	1247	1254	rVB	109071	177977	4.85%	0.340%
39	9.492	1254	1259	1263	rBV2	245282	407727	11.11%	0.779%
40	9.563	1267	1271	1274	rBV2	325306	305654	8.33%	0.584%
41	9.604	1274	1278	1281	rBV4	450603	575331	15.68%	1.100%
42	9.663	1286	1288	1290	rBV	95304	102831	2.80%	0.197%
43	9.763	1302	1305	1308	rBV3	146249	167476	4.56%	0.320%
44	9.816	1311	1314	1318	rVB	948968	765782	20.87%	1.464%
45	9.857	1318	1321	1323	rBV2	88021	88527	2.41%	0.169%
46	9.881	1323	1325	1326	rVV2	87099	74894	2.04%	0.143%
47	9.904	1326	1329	1333	rVV	1204366	1214807	33.11%	2.322%
48	9.939	1333	1335	1342	rVB	303579	375166	10.22%	0.717%
49	10.004	1342	1346	1350	rBV2	144334	230476	6.28%	0.441%
50	10.045	1350	1353	1356	rBV4	120329	148657	4.05%	0.284%
51	10.075	1356	1358	1360	rVB	114042	75112	2.05%	0.144%
52	10.104	1360	1363	1366	rBV2	281900	316763	8.63%	0.606%
53	10.145	1366	1370	1373	rVB3	234362	334382	9.11%	0.639%
54	10.175	1373	1375	1379	rVB2	129436	112097	3.05%	0.214%
55	10.216	1379	1382	1386	rBV	161021	206692	5.63%	0.395%
56	10.251	1386	1388	1392	rVB2	172336	191404	5.22%	0.366%
57	10.316	1392	1399	1402	rBV	1019338	1005459	27.40%	1.922%
58	10.375	1407	1409	1412	rBV3	64384	61731	1.68%	0.118%
59	10.457	1419	1423	1429	rVB3	167319	276298	7.53%	0.528%
60	10.533	1431	1436	1439	rBV2	438826	546279	14.89%	1.044%
61	10.557	1439	1440	1443	rVB2	87481	66640	1.82%	0.127%
62	10.592	1443	1446	1448	rBV2	98383	95320	2.60%	0.182%
63	10.616	1448	1450	1454	rVB3	141954	136822	3.73%	0.262%
64	10.657	1454	1457	1461	rVB4	166378	153499	4.18%	0.293%
65	10.704	1461	1465	1477	rBV	1358948	1729092	47.12%	3.305%
66	10.792	1477	1480	1489	rVB2	865909	1349175	36.77%	2.579%
67	10.869	1490	1493	1495	rBV	189605	196114	5.34%	0.375%
68	10.898	1495	1498	1502	rVB3	230119	272970	7.44%	0.522%
69	10.933	1502	1504	1507	rBV2	214803	179466	4.89%	0.343%
70	10.957	1507	1508	1510	rVB	85392	54556	1.49%	0.104%
71	10.986	1510	1513	1514	rBV2	107732	115309	3.14%	0.220%

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72	11.045	1519	1523	1526	rVV4	153257	232515	6.34%	0.444%
73	11.080	1526	1529	1532	rVB2	167153	173434	4.73%	0.332%
74	11.128	1532	1537	1540	rBV7	96294	182960	4.99%	0.350%
75	11.239	1553	1556	1558	rBV	711602	532474	14.51%	1.018%
76	11.269	1558	1561	1564	rVV	317961	325318	8.87%	0.622%
77	11.298	1564	1566	1569	rVB	91835	76167	2.08%	0.146%
78	11.398	1580	1583	1585	rBV	894361	841703	22.94%	1.609%
79	11.428	1585	1588	1594	rVV	1120225	1230777	33.54%	2.353%
80	11.480	1594	1597	1600	rVV	323014	306173	8.34%	0.585%
81	11.510	1600	1602	1605	rVV	105693	93391	2.55%	0.179%
82	11.545	1605	1608	1612	rVB	340964	285765	7.79%	0.546%
83	11.622	1618	1621	1623	rBV2	71717	72537	1.98%	0.139%
84	11.645	1623	1625	1626	rVV	83460	75455	2.06%	0.144%
85	11.663	1626	1628	1631	rVB	488797	429474	11.70%	0.821%
86	11.904	1666	1669	1672	rBV3	261108	363387	9.90%	0.695%
87	11.945	1672	1676	1680	rVV	1684879	1643584	44.79%	3.142%
88	11.980	1680	1682	1685	rVV2	110049	124404	3.39%	0.238%
89	12.016	1685	1688	1691	rVV2	253569	300372	8.19%	0.574%
90	12.075	1695	1698	1701	rBV	410563	312868	8.53%	0.598%
91	12.198	1716	1719	1722	rBV	99978	119596	3.26%	0.229%
92	12.463	1760	1764	1768	rBV3	324968	414384	11.29%	0.792%
93	12.539	1775	1777	1779	rBV2	76487	87037	2.37%	0.166%
94	12.622	1787	1791	1795	rBV	1172551	1145461	31.22%	2.190%
95	12.833	1824	1827	1828	rBV2	394621	336370	9.17%	0.643%
96	12.857	1828	1831	1836	rVB	917962	1045887	28.50%	1.999%
97	12.986	1849	1853	1858	rBV	1666957	1638202	44.64%	3.132%
98	13.863	2000	2002	2008	rBV3	243390	328649	8.96%	0.628%
99	14.057	2031	2035	2038	rBV2	711279	1117981	30.47%	2.137%
100	14.086	2038	2040	2047	rVB	445888	478709	13.05%	0.915%

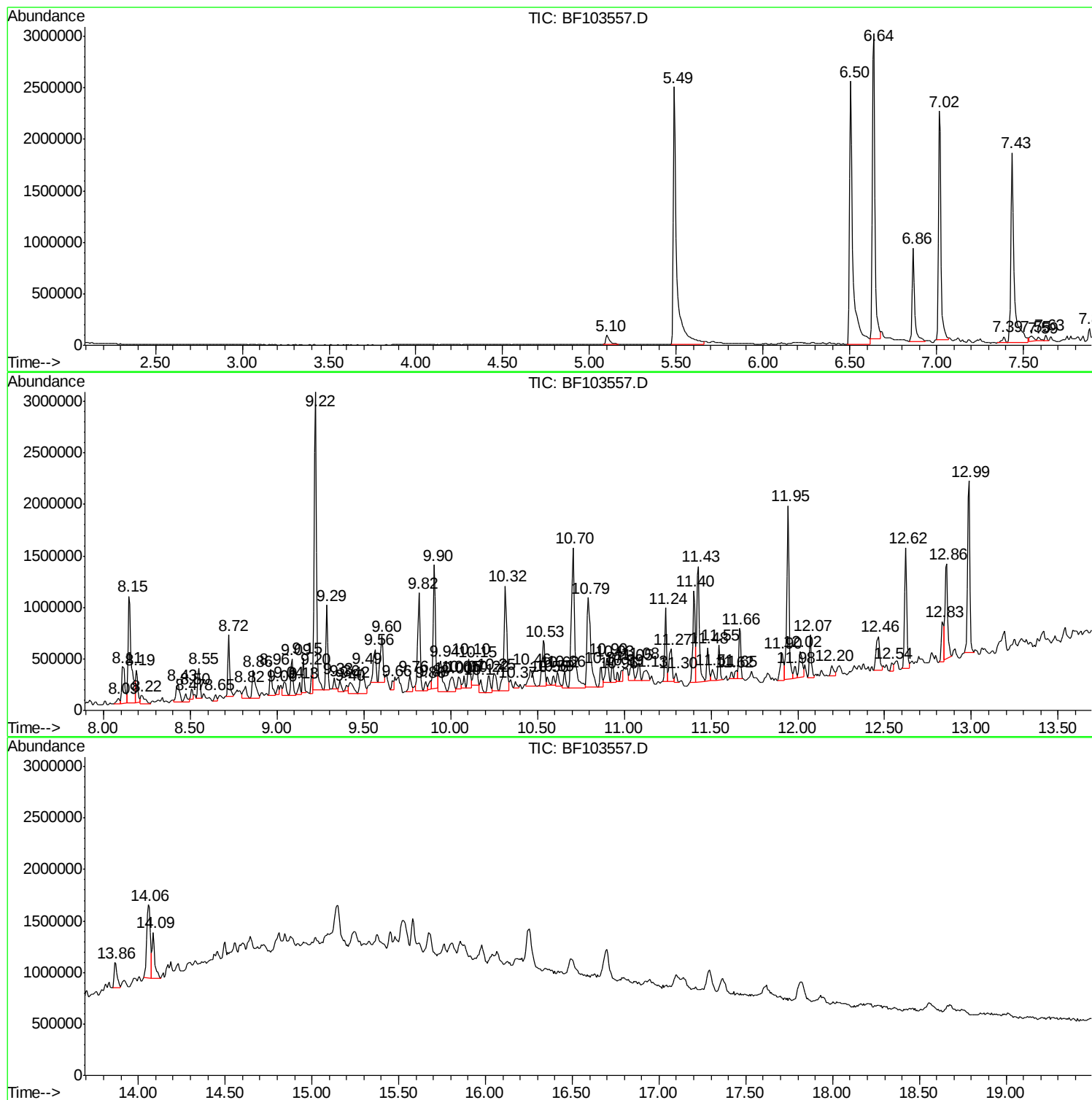
Sum of corrected areas: 52310803

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP1-WC

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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 :
BNA_F
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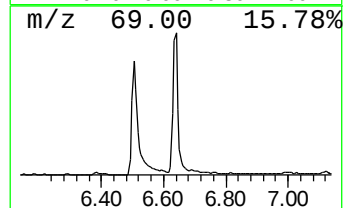
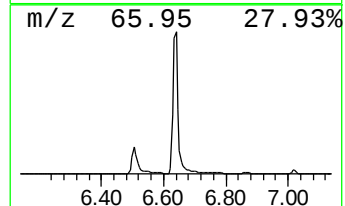
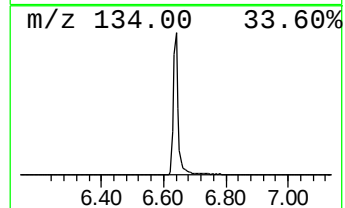
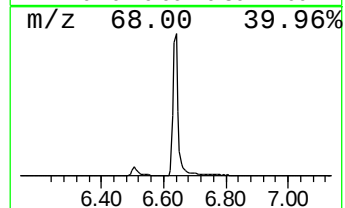
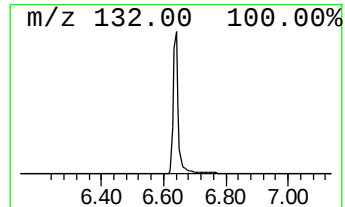
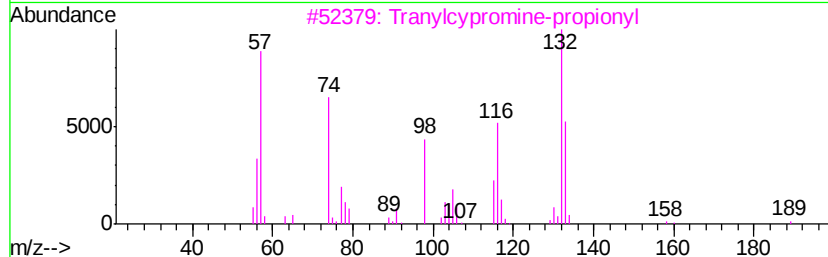
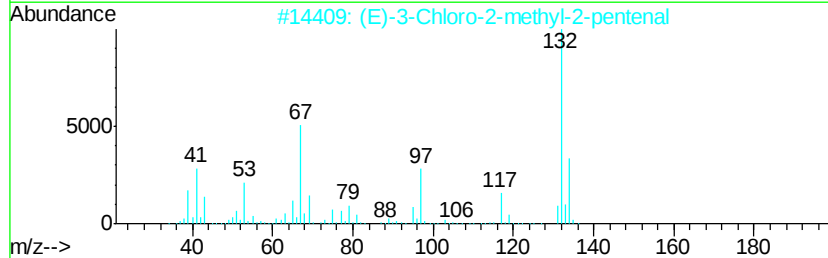
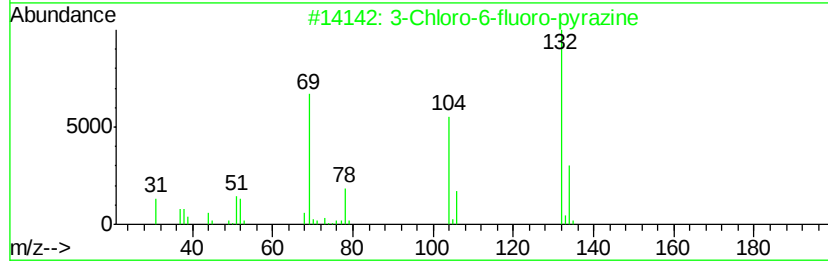
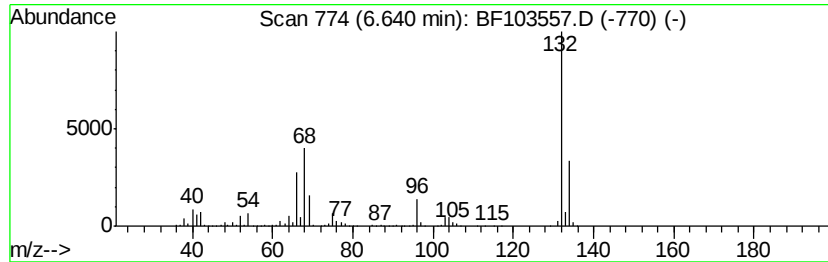
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	67.26 ng	3258900	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		Tranvlcypropane-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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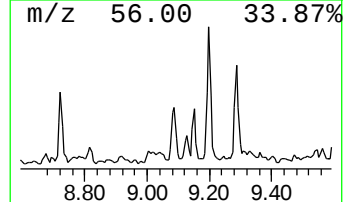
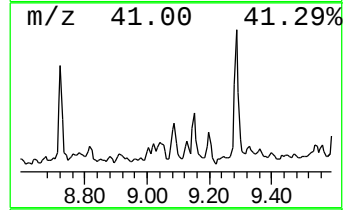
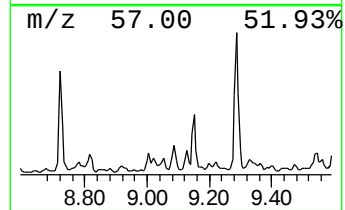
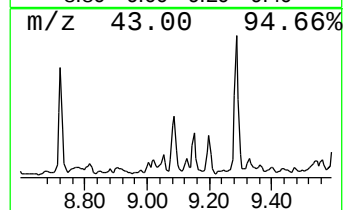
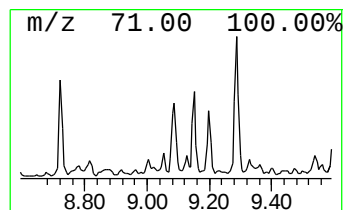
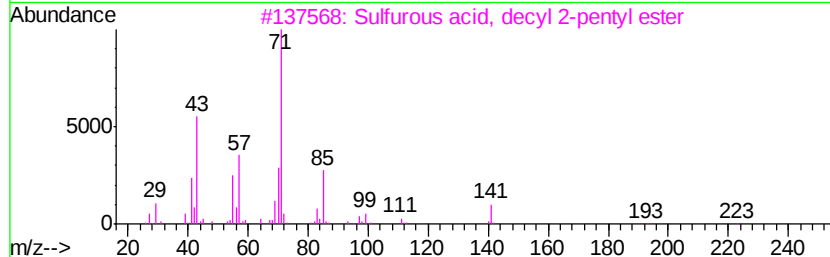
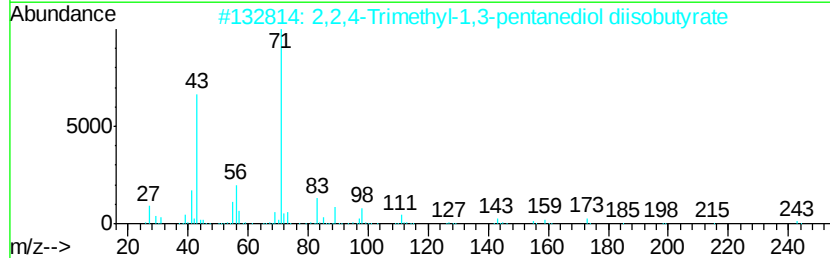
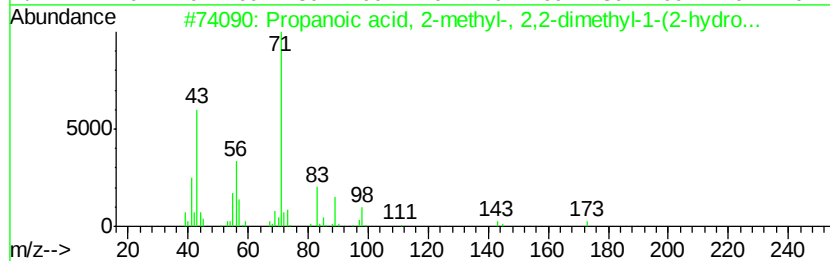
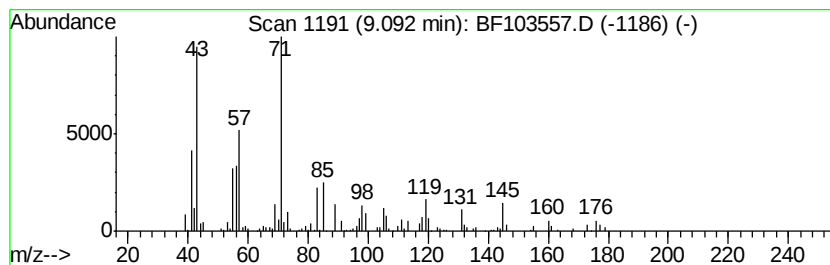
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Propanoic acid, 2-methyl-, ... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	5.40 ng	328044	Acenaphthene-d10	9.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	58
2			2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	47
3			Sulfurous acid, decyl 2-pentyl e...	292	C15H32O3S	1000309-15-9	47
4			Decane, 3,3,5-trimethyl-	184	C13H28	062338-13-0	47
5			Undecane, 3,3-dimethyl-	184	C13H28	017312-65-1	47



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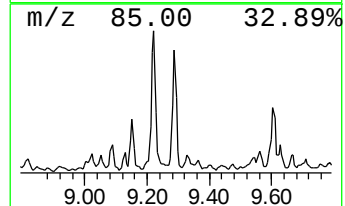
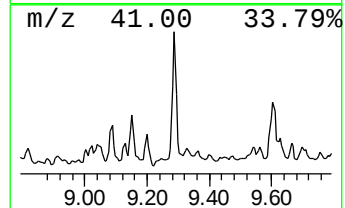
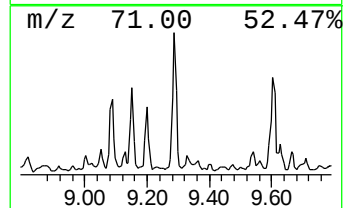
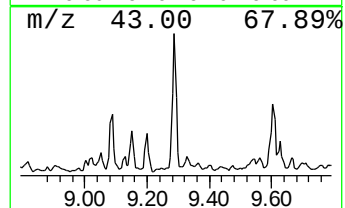
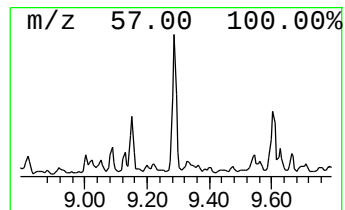
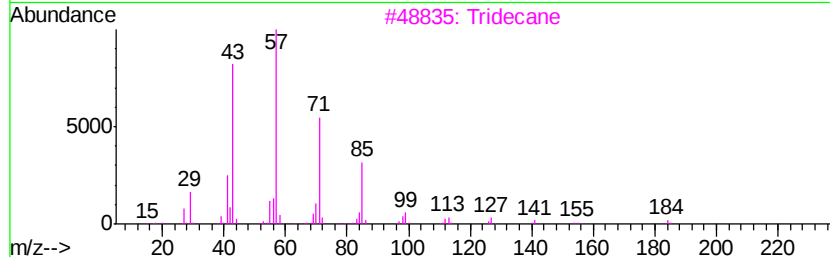
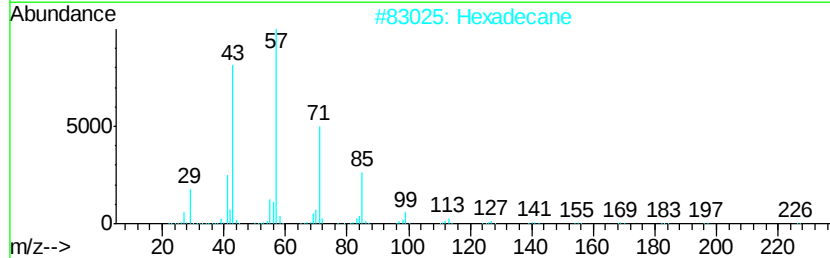
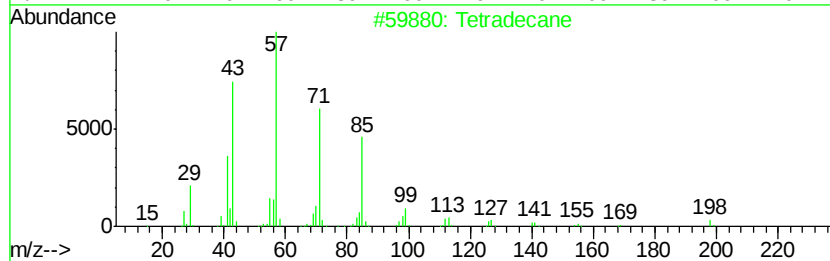
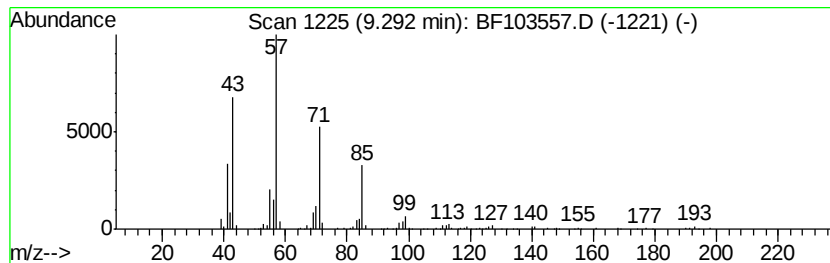
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	10.97 ng	666501	Acenaphthene-d10	9.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tridecane	184	C13H28	000629-50-5	86
4		Pentadecane	212	C15H32	000629-62-9	86
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	83



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030918\
Data File : BF103557.D
Acq On : 9 Mar 2018 15:19
Operator : SJ/JU
Sample : J1853-01
Misc :
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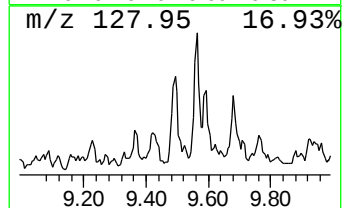
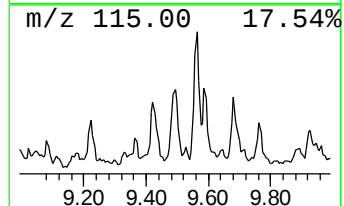
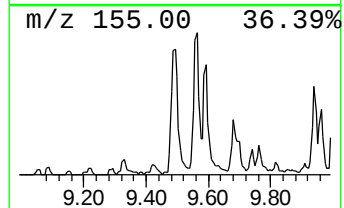
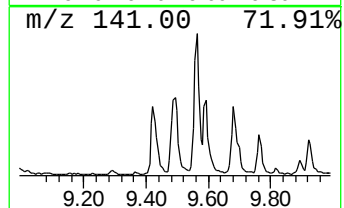
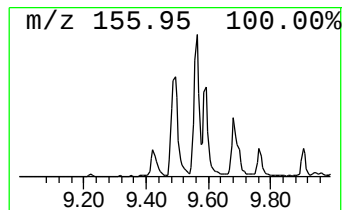
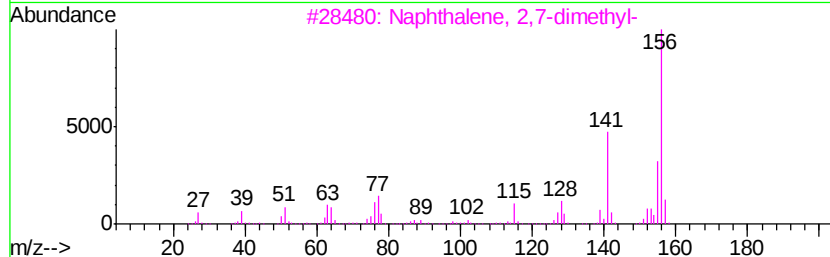
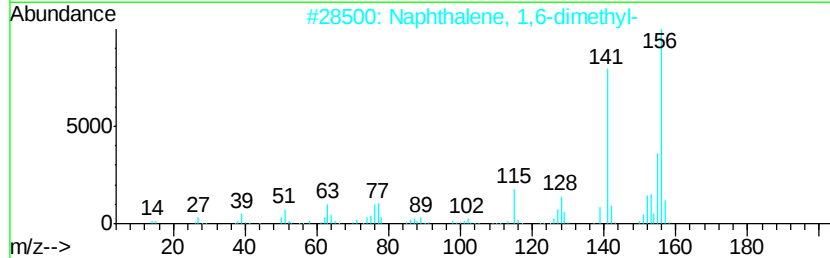
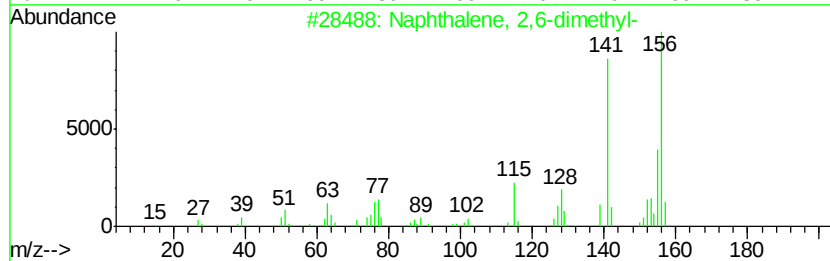
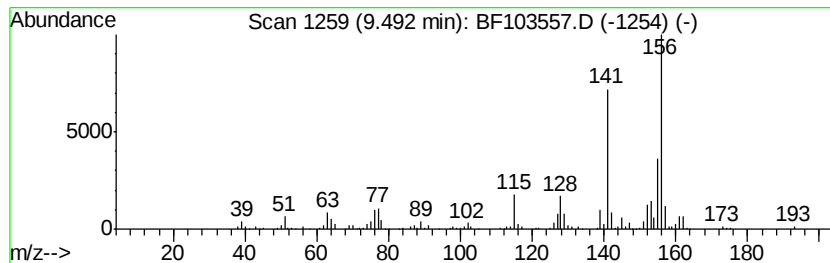
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	6.71 ng	407727	Acenaphthene-d10	9.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 98
3		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
4		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96
5		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 96



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030918\
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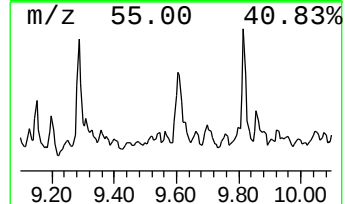
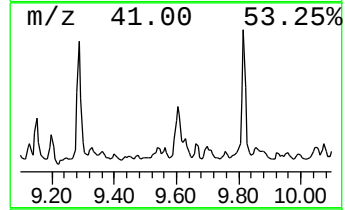
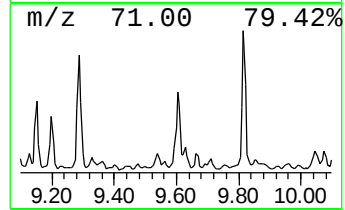
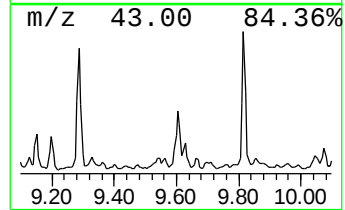
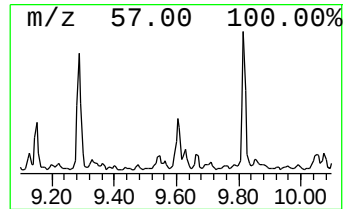
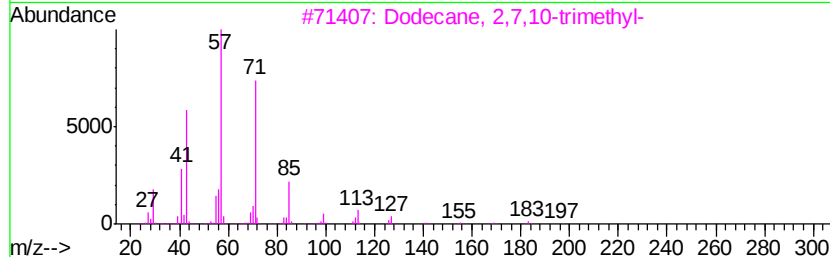
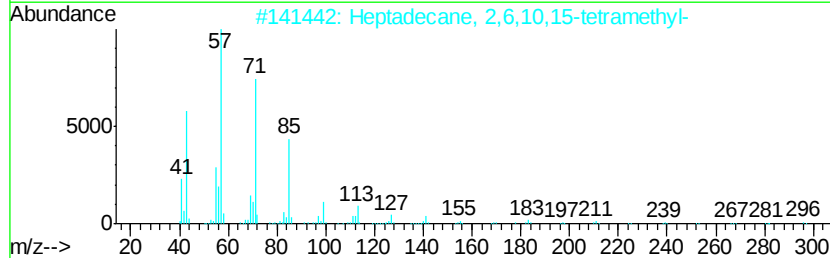
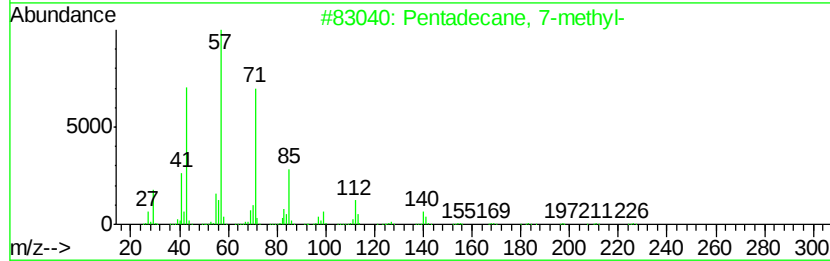
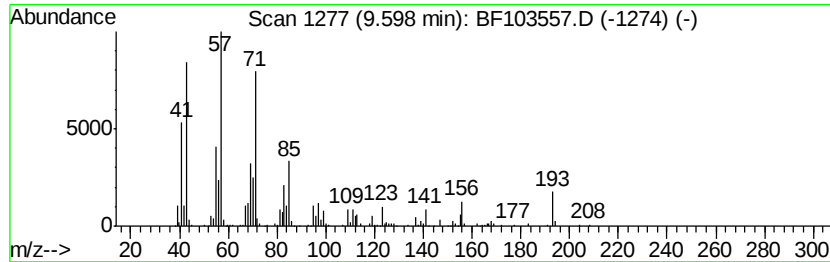
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane, 7-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	9.47 ng	575331	Acenaphthene-d10	9.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane, 7-methyl-	226 C16H34	006165-40-8	80
2	Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6	80
3	Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0	72
4	Decane, 2,3,5,8-tetramethyl-	198 C14H30	192823-15-7	72
5	Heptacosane	380 C27H56	000593-49-7	72



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030918\
Data File : BF103557.D
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Sample : J1853-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP1-WC

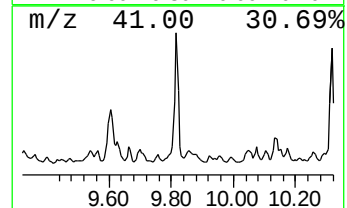
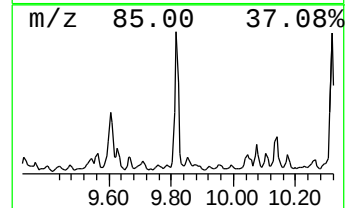
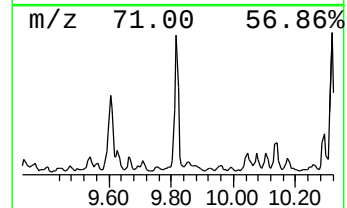
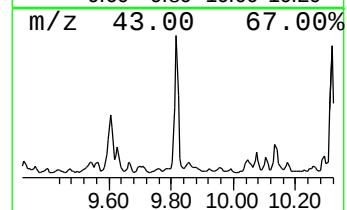
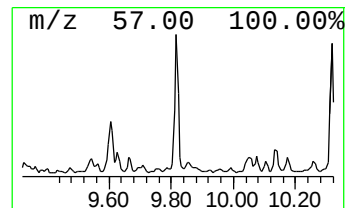
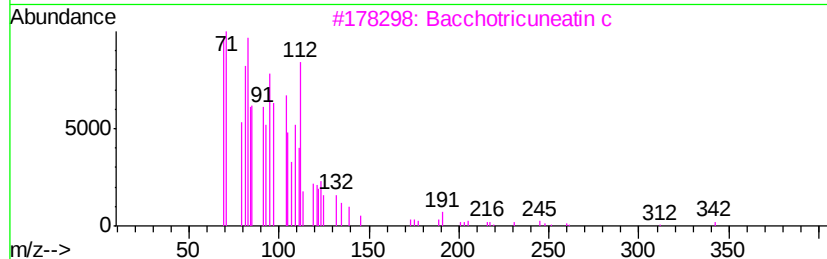
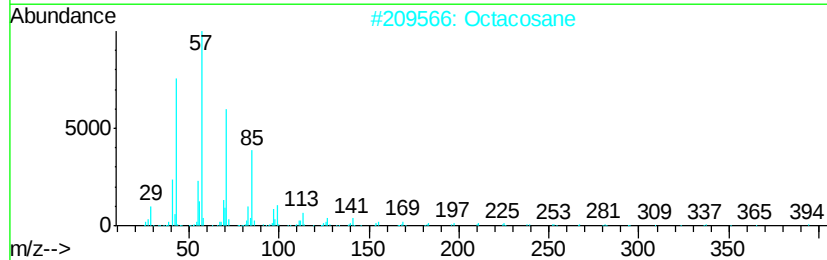
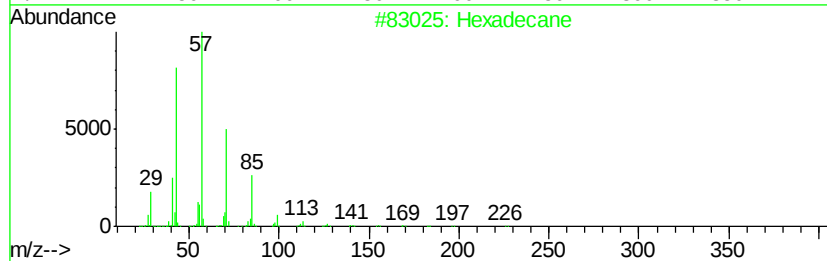
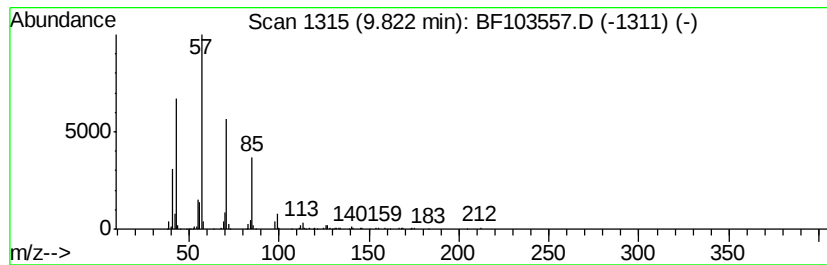
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	12.61 ng	765782	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	87
2		Octacosane	394	C28H58	000630-02-4	83
3		Bacchotricuneatin c	342	C20H22O5	066563-30-2	74
4		Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	72
5		triacontane	422	C30H62	000638-68-6	72



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030918\
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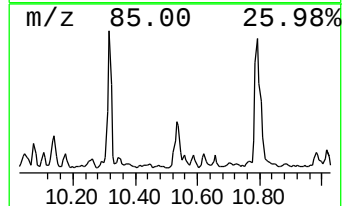
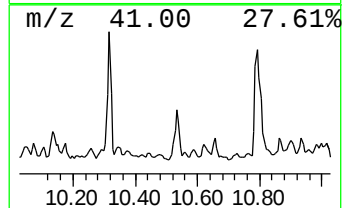
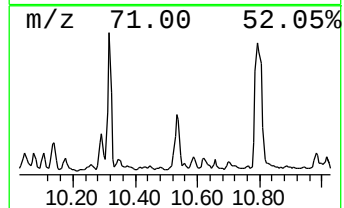
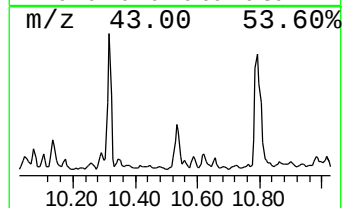
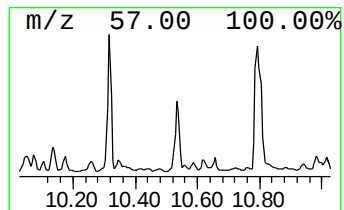
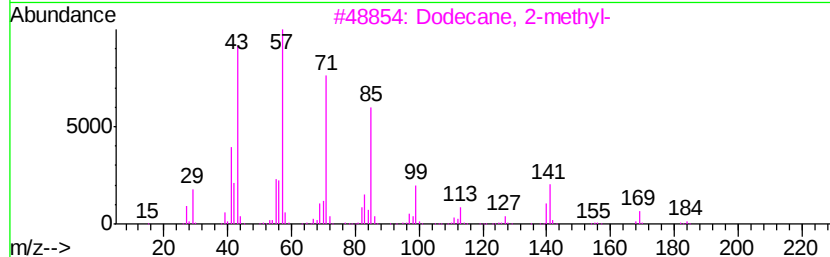
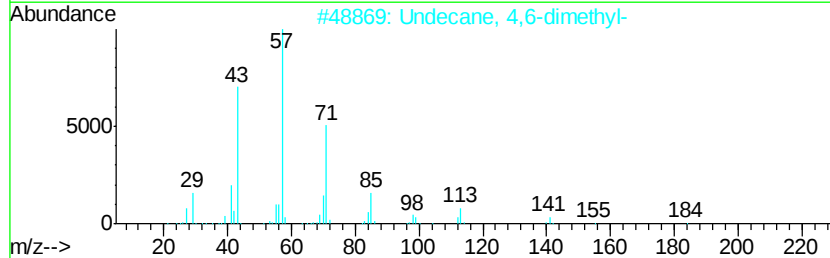
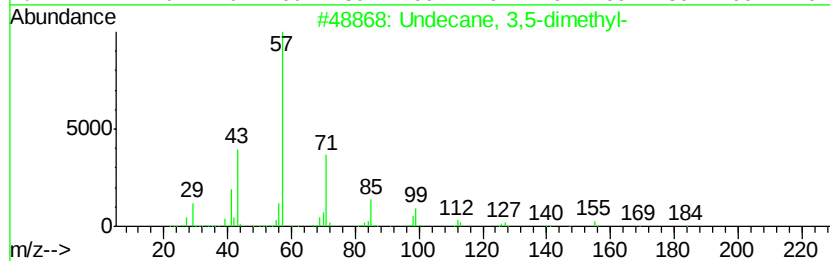
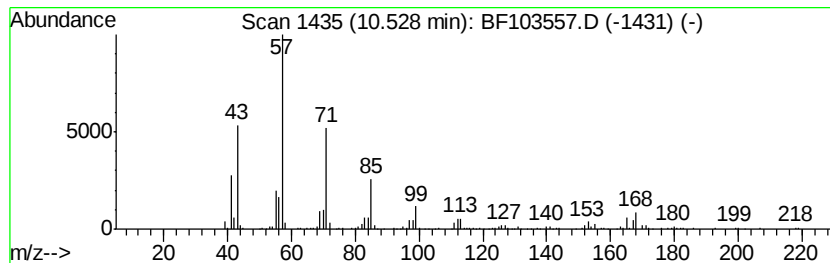
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Undecane, 3,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.53	8.99 ng	546279	Acenaphthene-d10	9.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	93
2	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	76
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
5	Decane, 5-propyl-	184	C13H28	017312-62-8	52



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Data File : BF103557.D
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Sample : J1853-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

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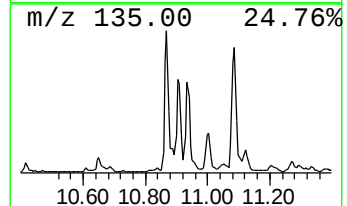
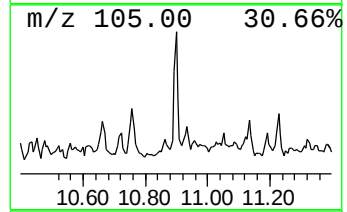
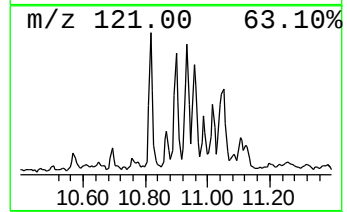
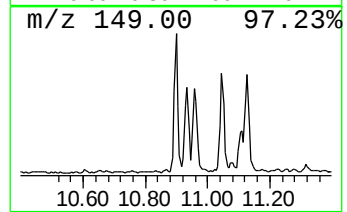
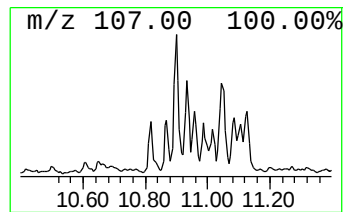
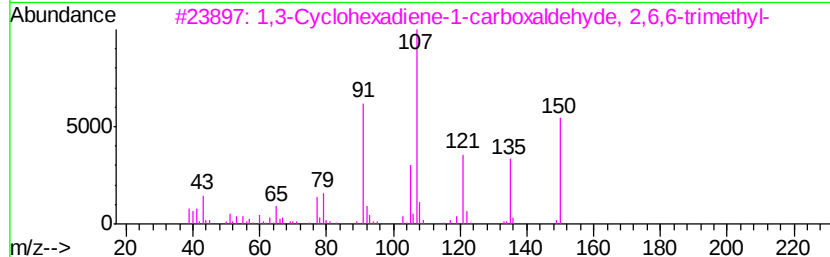
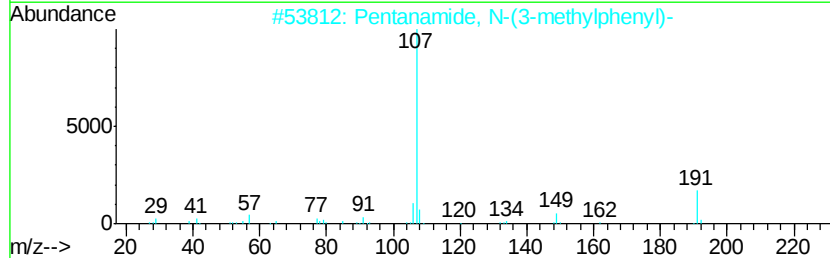
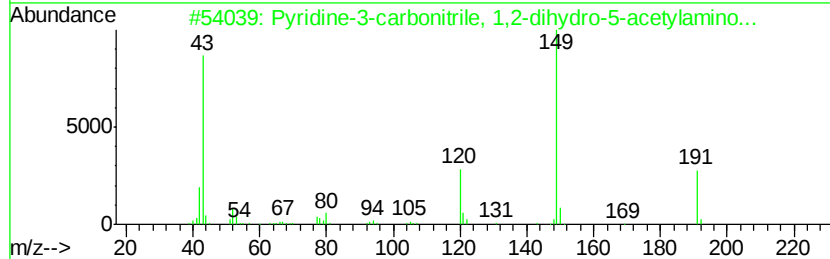
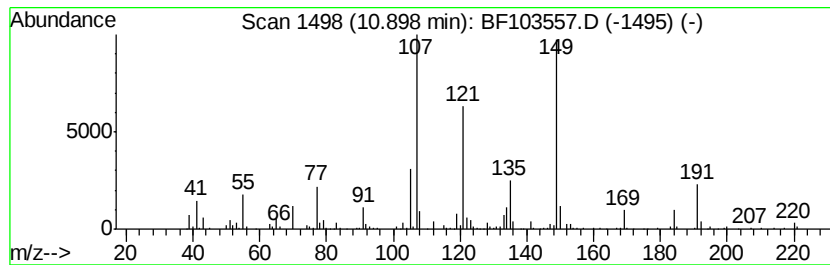
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown10.90 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	6.49 ng	272970	Phenanthrene-d10	11.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	38
2			Pentanamide, N-(3-methylphenyl)-	191	C12H17NO	1000306-89-1	35
3			1,3-Cyclohexadiene-1-carboxaldeh...	150	C10H14O	000116-26-7	35
4			Phthalic acid, 4-methylhept-3-yl...	320	C19H28O4	1000377-93-7	35
5			Phthalic acid, isopropyl propyl ...	250	C14H18O4	1000314-99-7	27



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030918\
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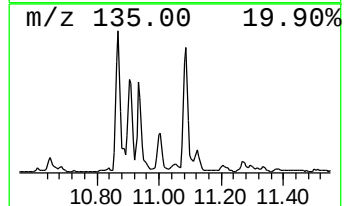
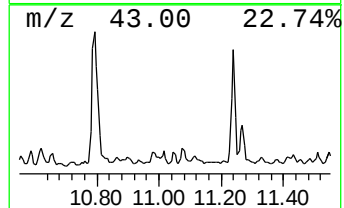
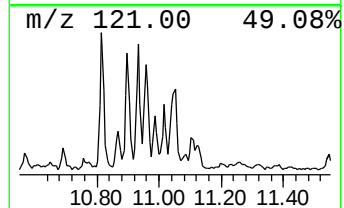
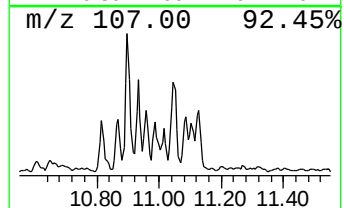
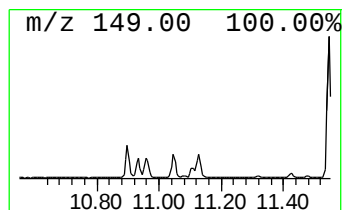
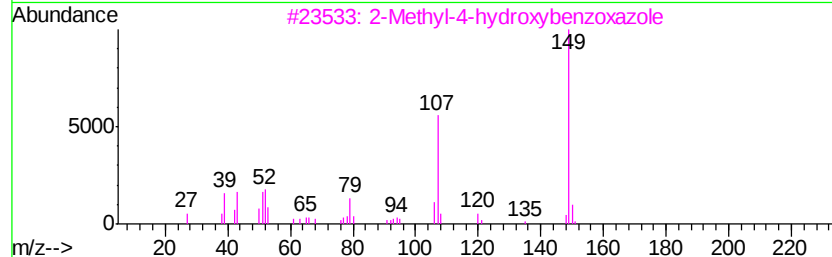
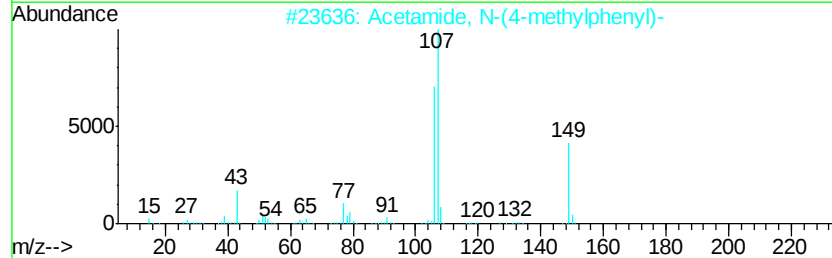
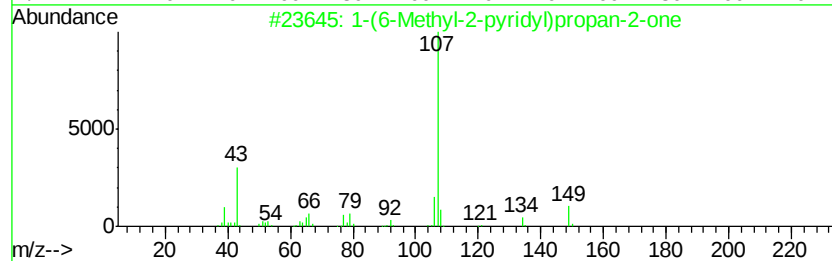
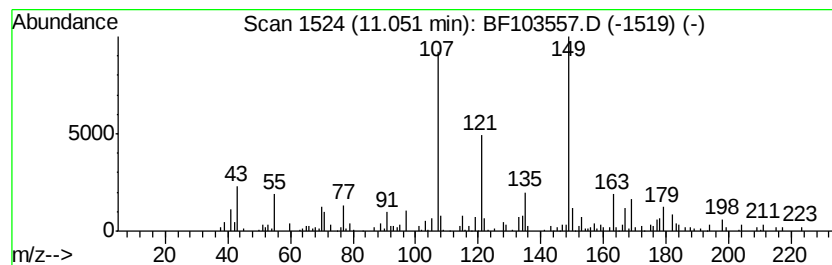
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-(6-Methyl-2-pyridyl)propa... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	5.52 ng	232515	Phenanthrene-d10	11.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	58
2			Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	58
3			2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	53
4			Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	49
5			1,3-Cyclopentadiene, 5,5-dimethy...	178	C13H22	1000163-88-0	43



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030918\
Data File : BF103557.D
Acq On : 9 Mar 2018 15:19
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Misc :
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ClientSampleId :
TP1-WC

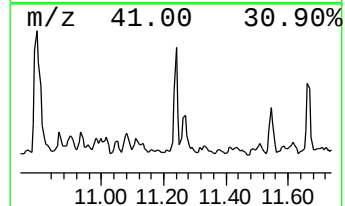
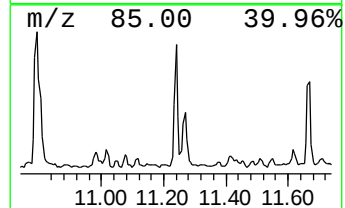
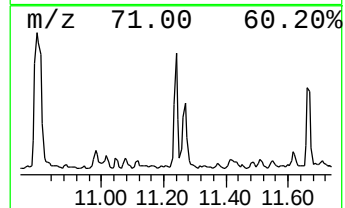
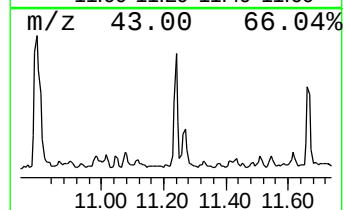
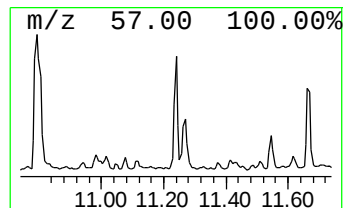
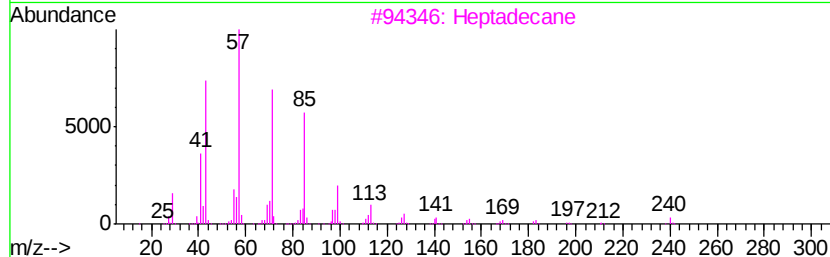
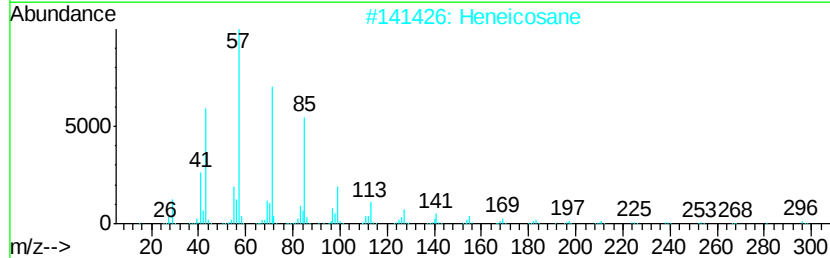
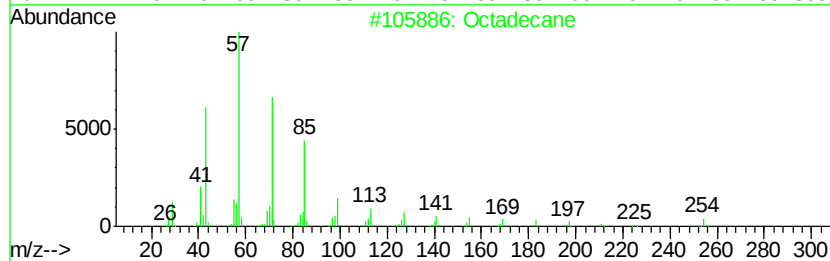
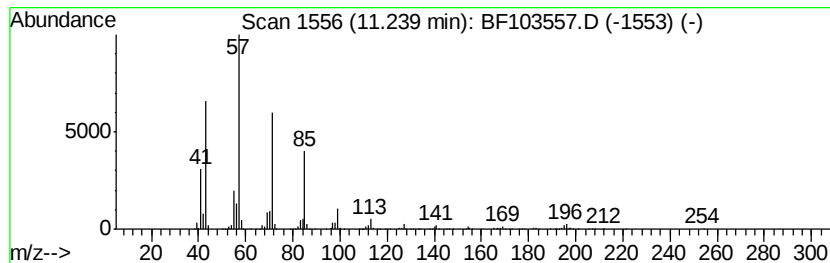
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	12.65 ng	532474	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	95
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heptadecane	240	C17H36	000629-78-7	83
4		Hexadecane	226	C16H34	000544-76-3	72
5		3,5-Dimethyldodecane	198	C14H30	107770-99-0	68



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030918\
Data File : BF103557.D
Acq On : 9 Mar 2018 15:19
Operator : SJ/JU
Sample : J1853-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP1-WC

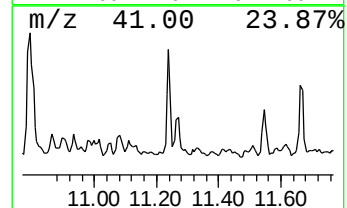
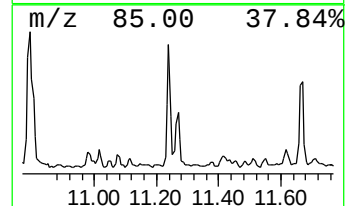
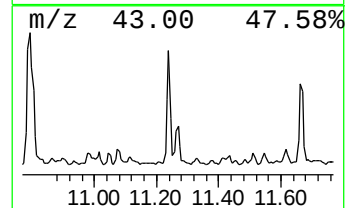
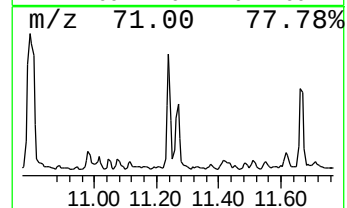
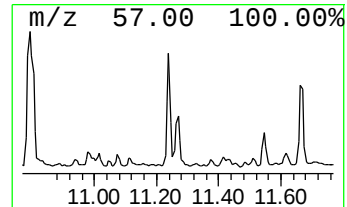
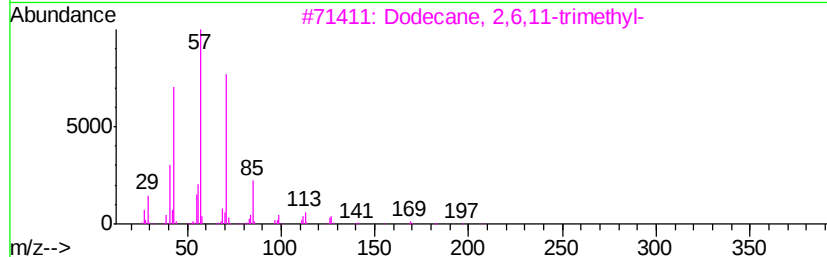
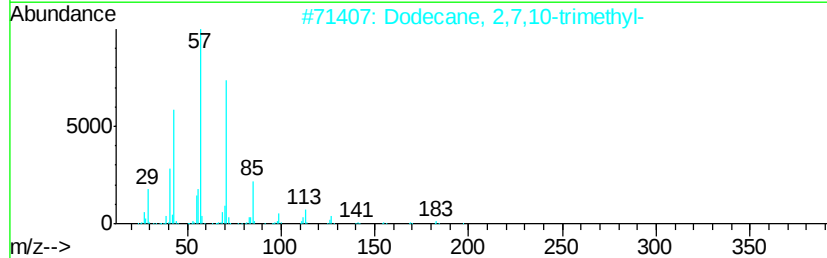
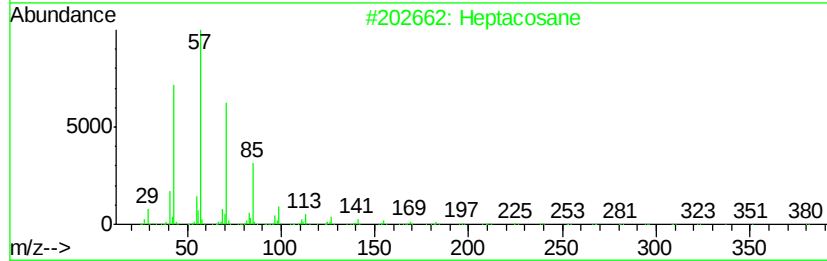
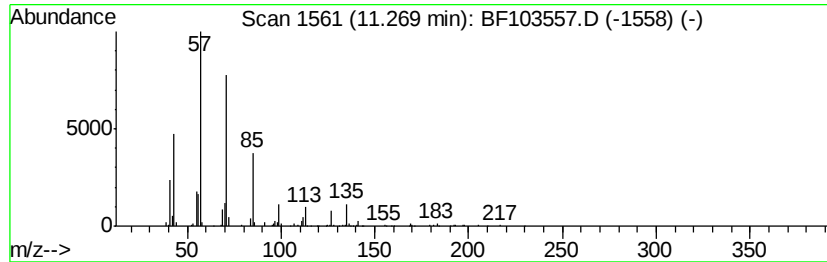
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	7.73 ng	325318	Phenanthrene-d10	11.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	78
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	78
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4			Decane, 5-propyl-	184	C13H28	017312-62-8	59
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030918\
Data File : BF103557.D
Acq On : 9 Mar 2018 15:19
Operator : SJ/JU
Sample : J1853-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP1-WC

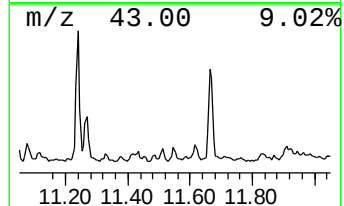
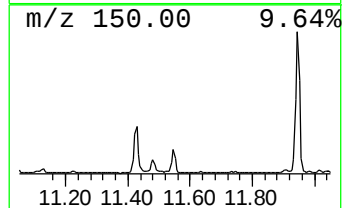
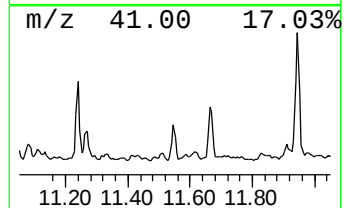
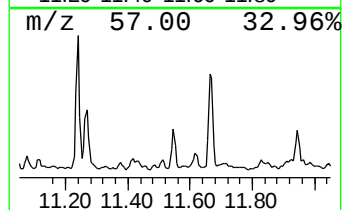
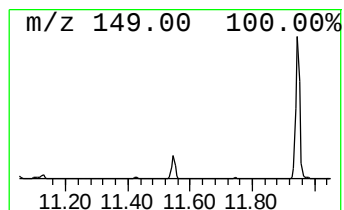
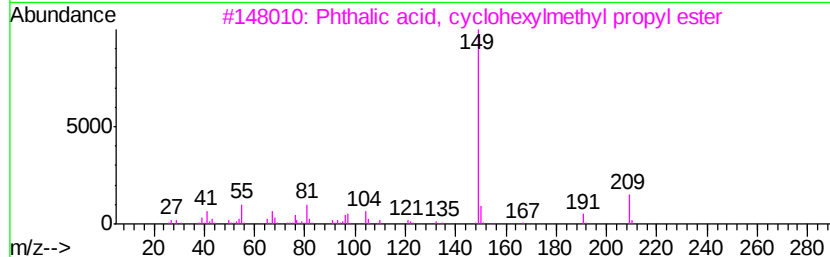
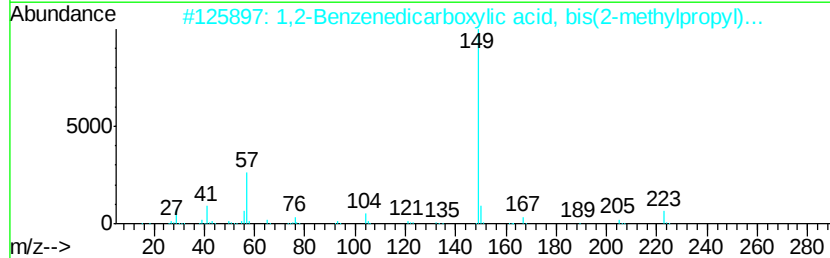
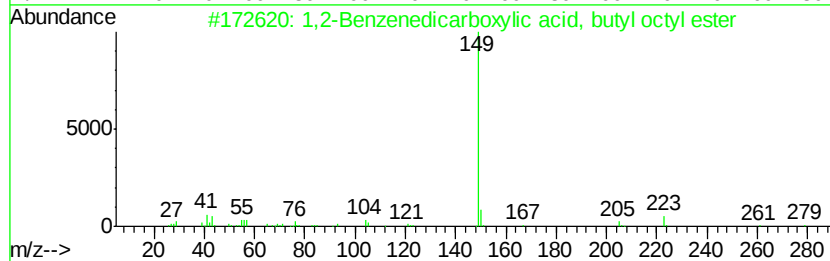
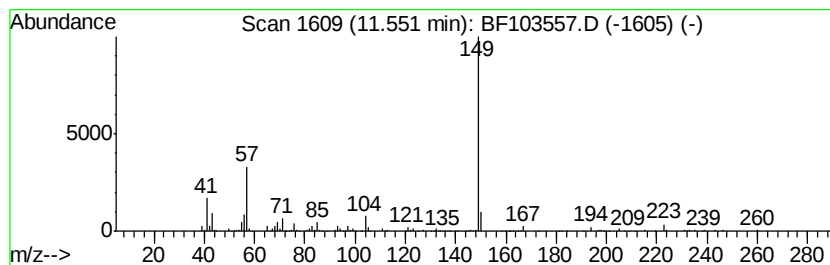
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1,2-Benzenedicarboxylic aci... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	6.79 ng	285765	Phenanthrene-d10	11.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000084-78-6	78
2			1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	78
3			Phthalic acid, cyclohexylmethyl ...	304	C18H24O4	1000309-08-7	78
4			Phthalic acid, 3,3-dimethylbut-2...	306	C18H26O4	1000357-00-1	78
5			Phthalic acid, 6-ethyl-3-octyl i...	362	C22H34O4	1000315-17-9	78



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030918\
Data File : BF103557.D
Acq On : 9 Mar 2018 15:19
Operator : SJ/JU
Sample : J1853-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP1-WC

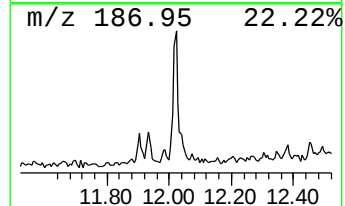
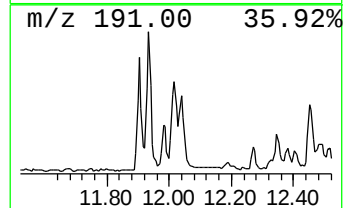
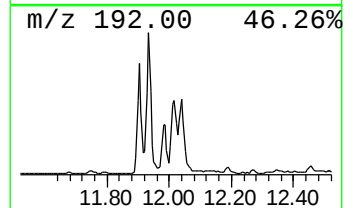
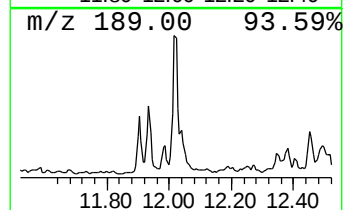
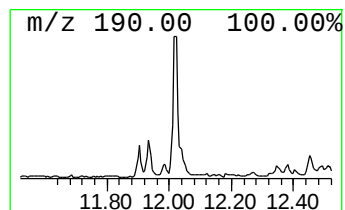
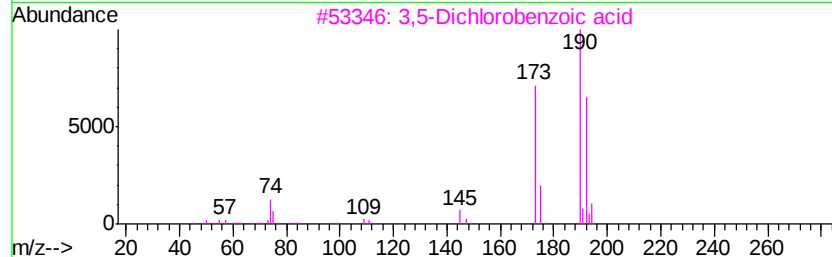
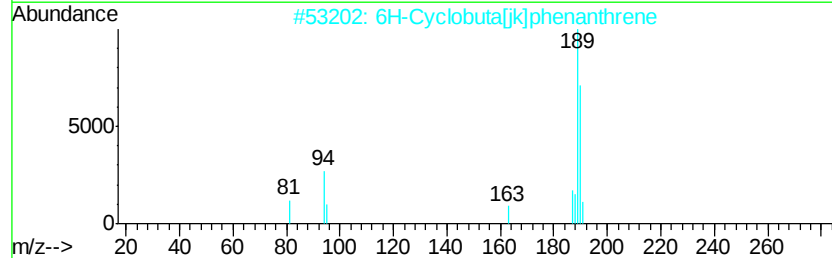
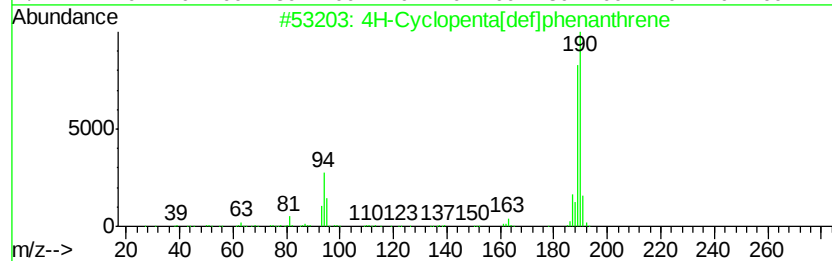
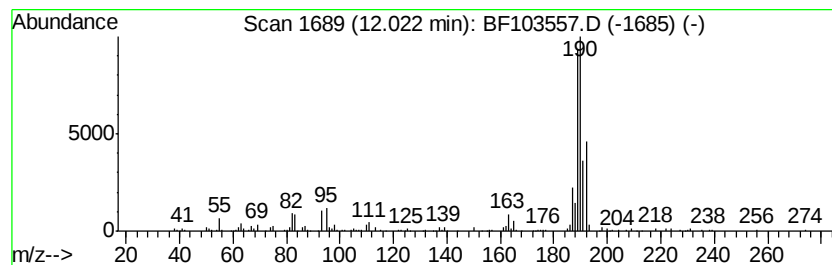
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	7.14 ng	300372	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	58
3		3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	38
4		3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	35
5		Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	35



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030918\
Data File : BF103557.D
Acq On : 9 Mar 2018 15:19
Operator : SJ/JU
Sample : J1853-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP1-WC

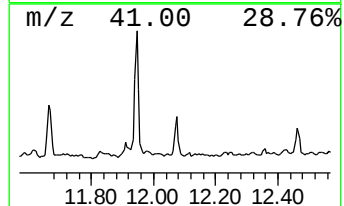
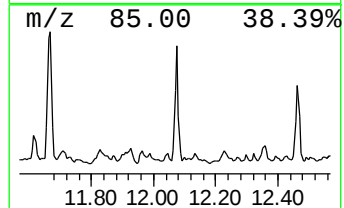
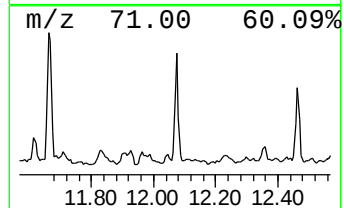
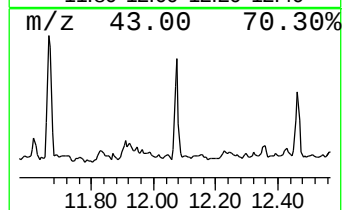
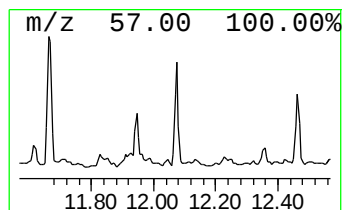
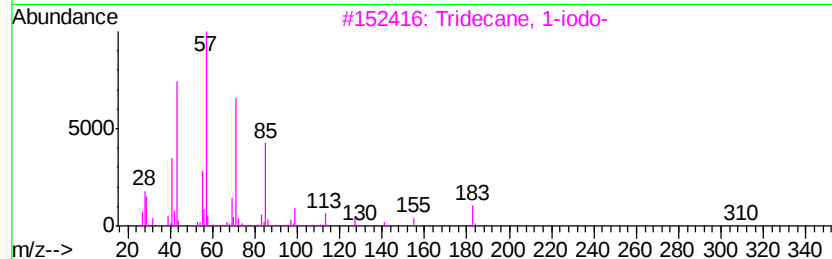
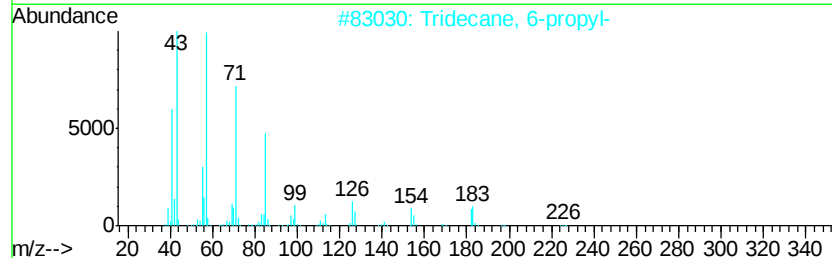
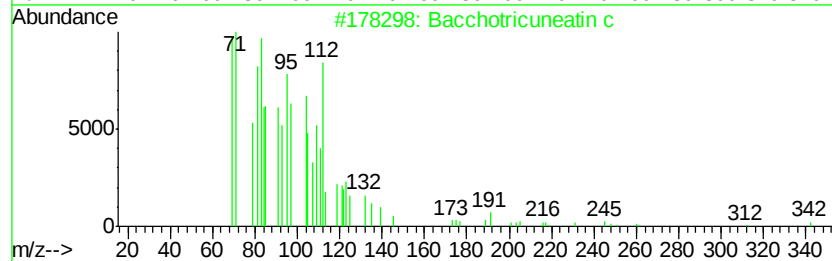
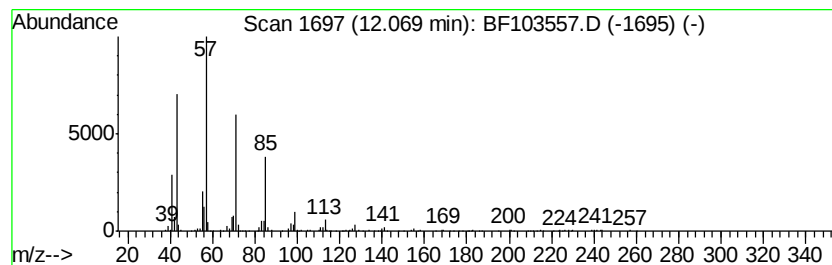
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Bacchotricuneatin c Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	7.43 ng	312868	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	98
2		Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030918\
Data File : BF103557.D
Acq On : 9 Mar 2018 15:19
Operator : SJ/JU
Sample : J1853-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP1-WC

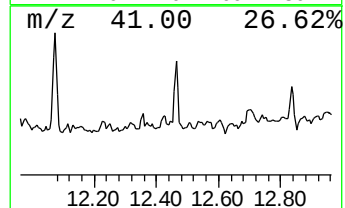
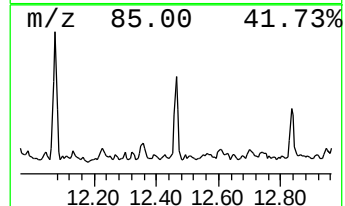
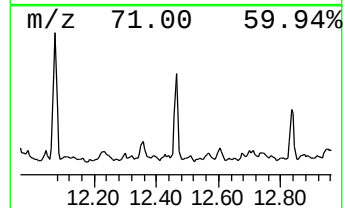
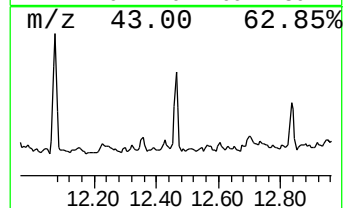
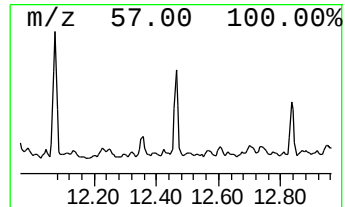
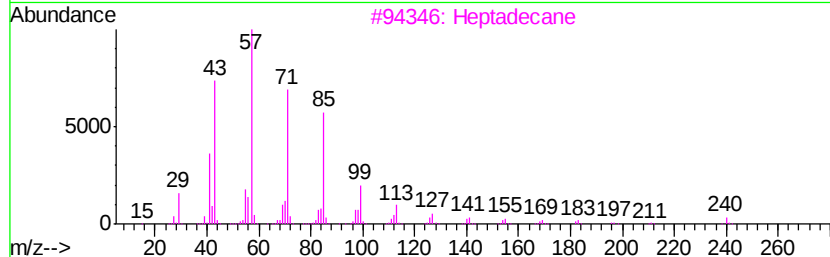
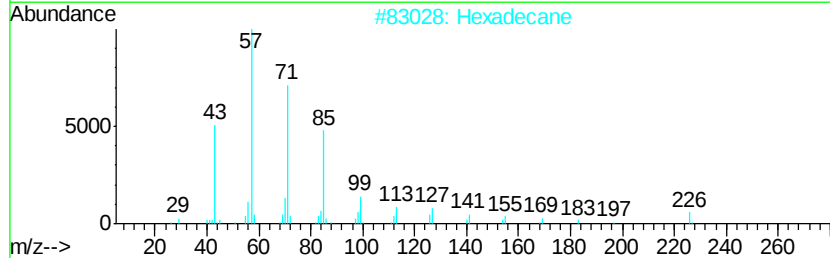
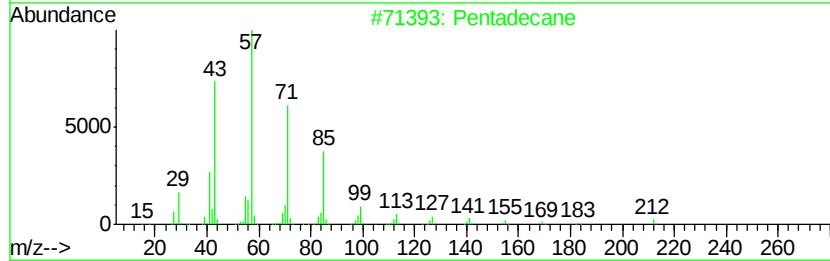
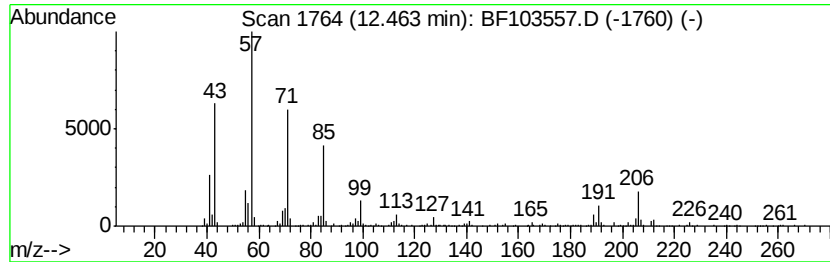
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	9.85 ng	414384	Phenanthrene-d10	11.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	93
2	Hexadecane		226	C16H34	000544-76-3	89
3	Heptadecane		240	C17H36	000629-78-7	83
4	Undecane, 3-methyl-		170	C12H26	001002-43-3	68
5	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	64



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF030918\
 Data File : BF103557.D
 Acq On : 9 Mar 2018 15:19
 Operator : SJ/JU
 Sample : J1853-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-WC

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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
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Propanoic acid, 2...	9.09	5.4	ng	328044	3	9.90	1214810	20.0
Tetradecane	9.29	11.0	ng	666501	3	9.90	1214810	20.0
Naphthalene, 2,6-...	9.49	6.7	ng	407727	3	9.90	1214810	20.0
Pentadecane, 7-me...	9.60	9.5	ng	575331	3	9.90	1214810	20.0
Hexadecane	9.82	12.6	ng	765782	3	9.90	1214810	20.0
Undecane, 3,5-dim...	10.53	9.0	ng	546279	3	9.90	1214810	20.0
unknown10.90	10.90	6.5	ng	272970	4	11.40	841703	20.0
1-(6-Methyl-2-pyr...	11.05	5.5	ng	232515	4	11.40	841703	20.0
Octadecane	11.24	12.7	ng	532474	4	11.40	841703	20.0
Heptacosane	11.27	7.7	ng	325318	4	11.40	841703	20.0
1,2-Benzenedicarb...	11.55	6.8	ng	285765	4	11.40	841703	20.0
4H-Cyclopenta[def...	12.02	7.1	ng	300372	4	11.40	841703	20.0
Bacchotricuneatin c	12.07	7.4	ng	312868	4	11.40	841703	20.0
Pentadecane	12.46	9.8	ng	414384	4	11.40	841703	20.0