

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072420\
 Data File : BF121012.D
 Acq On : 24 Jul 2020 19:50
 Operator : JU/CG
 Sample : L3381-04 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 347-GRID-B1-B2

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-BF071620.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	3.834	293	297	302	rVB	14503	20499	1.09%	0.076%
2	5.422	563	567	570	rBV	2119364	1886127	100.00%	7.033%
3	6.440	736	740	743	rBV	1947694	1799426	95.40%	6.710%
4	6.581	760	764	767	rBV	1361138	1124239	59.61%	4.192%
5	6.651	772	776	784	rBV3	41541	59983	3.18%	0.224%
6	6.816	800	804	810	rVB	1130205	1008376	53.46%	3.760%
7	7.087	845	850	854	rVB4	15235	21706	1.15%	0.081%
8	7.210	865	871	874	rBV4	19142	23075	1.22%	0.086%
9	7.369	895	898	903	rVV	679313	570223	30.23%	2.126%
10	7.410	903	905	909	rVB	46692	41298	2.19%	0.154%
11	7.463	909	914	917	rVB5	16445	22055	1.17%	0.082%
12	7.622	938	941	944	rVB3	21044	22674	1.20%	0.085%
13	8.098	1016	1022	1024	rBV	1321370	1224442	64.92%	4.566%
14	8.116	1024	1025	1028	rVV	111639	76849	4.07%	0.287%
15	8.157	1028	1032	1035	rVB3	34842	46437	2.46%	0.173%
16	8.392	1067	1072	1076	rBV6	21363	33185	1.76%	0.124%
17	8.475	1083	1086	1090	rVB4	23031	25020	1.33%	0.093%
18	8.522	1090	1094	1096	rBV	58749	52433	2.78%	0.196%
19	8.598	1103	1107	1110	rBV3	22835	24037	1.27%	0.090%
20	8.639	1110	1114	1116	rVV3	19308	21426	1.14%	0.080%
21	8.687	1119	1122	1125	rVV	89836	81765	4.34%	0.305%
22	8.745	1125	1132	1136	rVV8	20902	55850	2.96%	0.208%
23	8.810	1140	1143	1146	rVB	47270	41886	2.22%	0.156%
24	8.904	1156	1159	1164	rBV2	49214	51464	2.73%	0.192%
25	9.051	1180	1184	1188	rVB3	18033	25411	1.35%	0.095%
26	9.122	1193	1196	1200	rBV2	60417	57667	3.06%	0.215%
27	9.169	1200	1204	1215	rBV	1356550	1172348	62.16%	4.372%
28	9.251	1215	1218	1223	rBV2	136203	129865	6.89%	0.484%
29	9.363	1235	1237	1242	rVB5	17512	20783	1.10%	0.077%
30	9.439	1245	1250	1253	rBV2	36509	53084	2.81%	0.198%
31	9.510	1259	1262	1264	rBV	63177	56155	2.98%	0.209%
32	9.534	1264	1266	1268	rVV2	43798	32124	1.70%	0.120%
33	9.563	1268	1271	1275	rVV	355795	363757	19.29%	1.356%
34	9.628	1279	1282	1286	rVB2	33261	45960	2.44%	0.171%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.710	1293	1296	1300	rBV	74319	81122	4.30%	0.302%
36	9.781	1306	1308	1313	rVB	108386	89409	4.74%	0.333%
37	9.851	1316	1320	1323	rVV	1289554	1172181	62.15%	4.371%
38	9.881	1323	1325	1329	rVB	114327	101478	5.38%	0.378%
39	9.951	1334	1337	1342	rVB2	25717	36456	1.93%	0.136%
40	10.010	1342	1347	1348	rBV4	19549	25599	1.36%	0.095%
41	10.051	1351	1354	1359	rBV	77480	72785	3.86%	0.271%
42	10.092	1359	1361	1362	rBV	26648	21284	1.13%	0.079%
43	10.169	1371	1374	1376	rBV	29837	27377	1.45%	0.102%
44	10.257	1385	1389	1391	rBV3	35787	45578	2.42%	0.170%
45	10.281	1391	1393	1396	rVB	99788	72349	3.84%	0.270%
46	10.392	1409	1412	1418	rBV	102051	116909	6.20%	0.436%
47	10.504	1428	1431	1434	rVB	54958	47957	2.54%	0.179%
48	10.551	1436	1439	1443	rVB2	40890	39548	2.10%	0.147%
49	10.633	1449	1453	1464	rBV	1120842	1111523	58.93%	4.145%
50	10.757	1470	1474	1482	rVB3	123342	208246	11.04%	0.777%
51	10.939	1502	1505	1508	rBV3	28130	31906	1.69%	0.119%
52	10.969	1508	1510	1514	rVB4	24461	23045	1.22%	0.086%
53	11.092	1530	1531	1536	rVB3	31509	21703	1.15%	0.081%
54	11.139	1536	1539	1543	rVB3	33571	34582	1.83%	0.129%
55	11.204	1543	1550	1552	rBV3	83567	110421	5.85%	0.412%
56	11.233	1552	1555	1560	rVB2	95756	106522	5.65%	0.397%
57	11.333	1568	1572	1574	rBV	1235446	1100329	58.34%	4.103%
58	11.357	1574	1576	1579	rVV	783091	632363	33.53%	2.358%
59	11.404	1579	1584	1588	rVV	201118	239381	12.69%	0.893%
60	11.439	1588	1590	1594	rVB2	24880	30638	1.62%	0.114%
61	11.563	1606	1611	1613	rBV	57008	71424	3.79%	0.266%
62	11.628	1620	1622	1625	rVB	86906	61858	3.28%	0.231%
63	11.663	1625	1628	1631	rBV3	24067	22936	1.22%	0.086%
64	11.833	1654	1657	1659	rBV	106335	79958	4.24%	0.298%
65	11.863	1659	1662	1665	rVB	143065	127750	6.77%	0.476%
66	11.910	1667	1670	1672	rVV	51923	48793	2.59%	0.182%
67	11.945	1672	1676	1678	rVV2	197825	211601	11.22%	0.789%
68	11.969	1678	1680	1684	rVB	86919	73362	3.89%	0.274%
69	12.033	1689	1691	1694	rVB	62619	50286	2.67%	0.188%
70	12.069	1694	1697	1700	rBV2	22694	20854	1.11%	0.078%
71	12.127	1705	1707	1709	rVV	83840	73391	3.89%	0.274%

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72	12.151	1709	1711	1715	rVB2	52072	52752	2.80%	0.197%
73	12.280	1731	1733	1735	rVB2	32168	25172	1.33%	0.094%
74	12.310	1735	1738	1740	rBV2	50446	50345	2.67%	0.188%
75	12.380	1747	1750	1753	rBV	96756	105509	5.59%	0.393%
76	12.422	1753	1757	1762	rVB3	97145	124251	6.59%	0.463%
77	12.463	1762	1764	1769	rBV2	58655	75447	4.00%	0.281%
78	12.545	1774	1778	1781	rBV	1146385	1051737	55.76%	3.922%
79	12.639	1791	1794	1796	rBV2	42572	37438	1.98%	0.140%
80	12.698	1801	1804	1810	rBV4	37450	48701	2.58%	0.182%
81	12.774	1811	1817	1819	rBV	984465	1112200	58.97%	4.147%
82	12.892	1834	1837	1838	rBV2	57219	56922	3.02%	0.212%
83	12.916	1838	1841	1849	rVB	1164674	1049365	55.64%	3.913%
84	12.986	1850	1853	1857	rBV2	64829	103017	5.46%	0.384%
85	13.074	1866	1868	1869	rBV2	55549	47126	2.50%	0.176%
86	13.098	1870	1872	1875	rVB	173496	145789	7.73%	0.544%
87	13.163	1881	1883	1886	rVB	111236	105265	5.58%	0.393%
88	13.204	1886	1890	1892	rBV2	112986	136343	7.23%	0.508%
89	13.292	1903	1905	1908	rVB	66376	54426	2.89%	0.203%
90	13.327	1908	1911	1914	rBV2	63516	77207	4.09%	0.288%
91	13.604	1956	1958	1963	rVB	90436	90751	4.81%	0.338%
92	13.745	1980	1982	1984	rBV	84035	57762	3.06%	0.215%
93	13.769	1984	1986	1990	rVV2	65539	97239	5.16%	0.363%
94	13.821	1992	1995	2003	rVB3	141620	211796	11.23%	0.790%
95	13.969	2015	2020	2022	rBV2	1397306	1716879	91.03%	6.402%
96	13.992	2022	2024	2030	rVB	592180	543873	28.84%	2.028%
97	14.998	2191	2195	2198	rBV	533677	784518	41.59%	2.925%
98	15.292	2242	2245	2252	rVB	299693	432435	22.93%	1.612%
99	15.357	2252	2256	2262	rBV	433884	554046	29.37%	2.066%
100	15.421	2263	2267	2270	rBV	922624	1135100	60.18%	4.233%

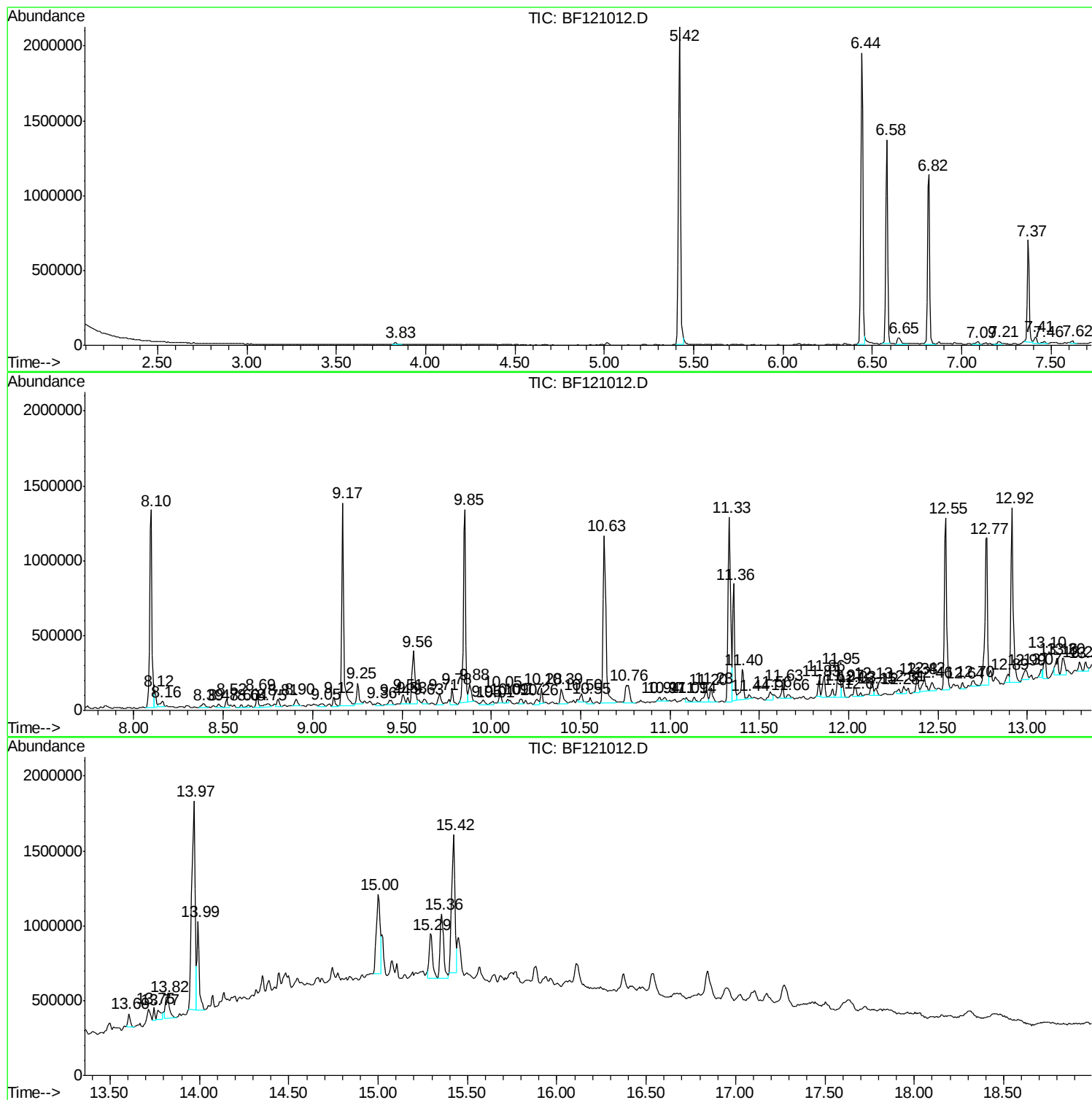
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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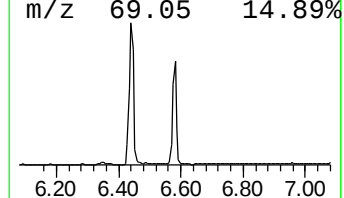
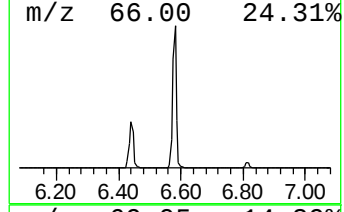
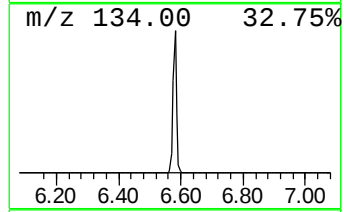
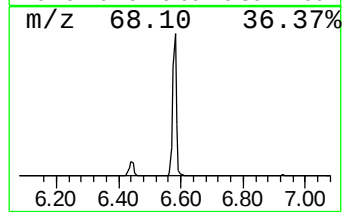
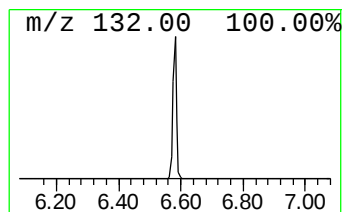
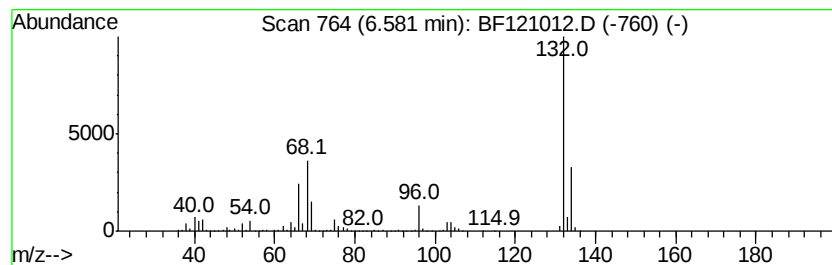
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	22.30 ng	1124240	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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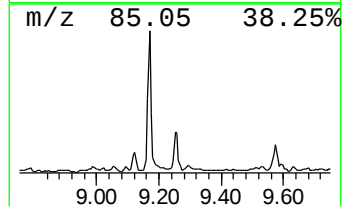
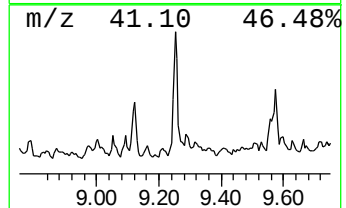
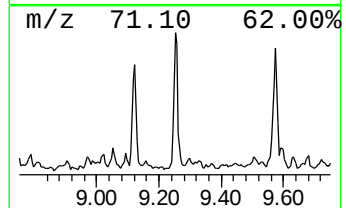
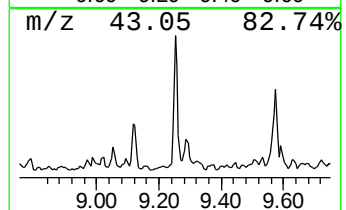
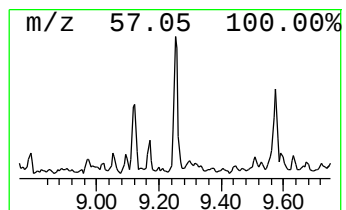
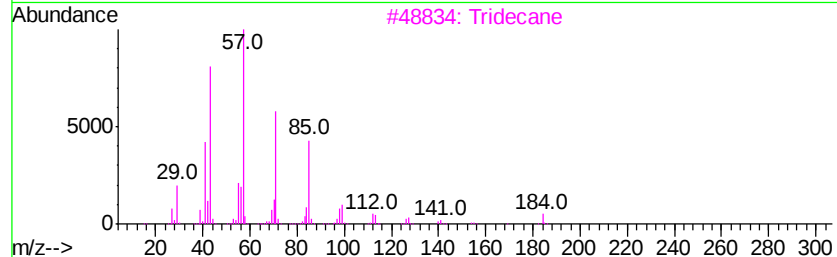
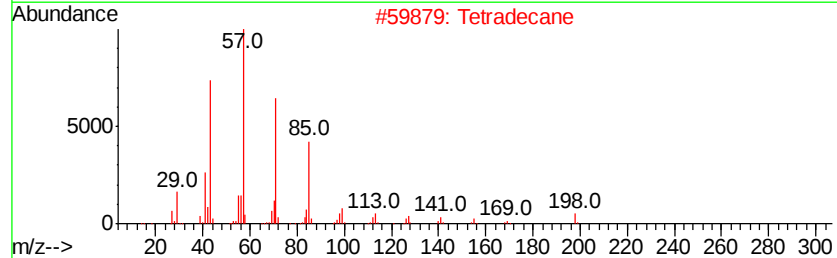
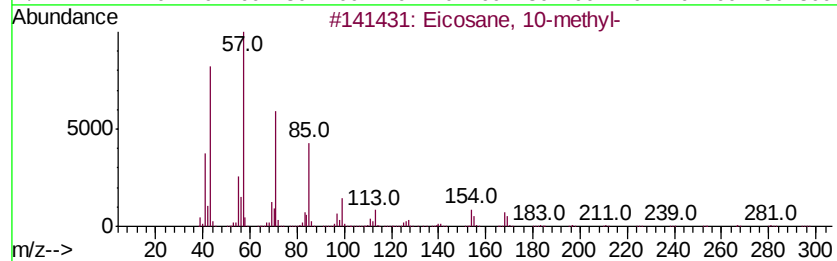
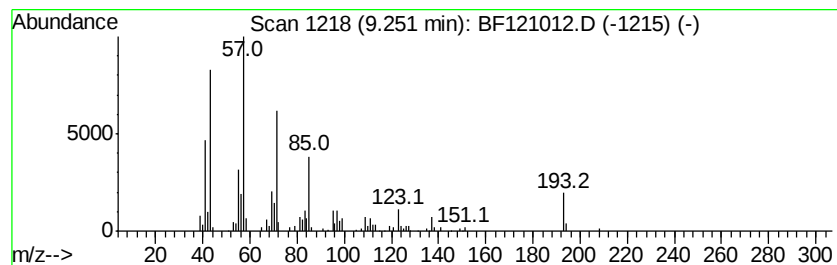
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Eicosane, 10-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	2.22 ng	129865	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	53
2		Tetradecane	198	C14H30	000629-59-4	52
3		Tridecane	184	C13H28	000629-50-5	52
4		Dodecane	170	C12H26	000112-40-3	52
5		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	52



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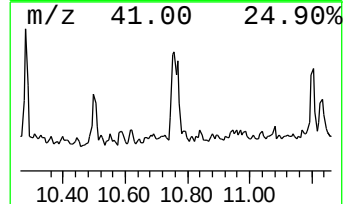
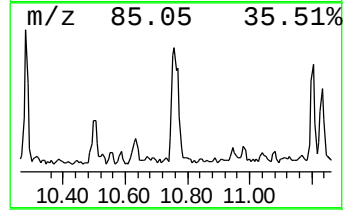
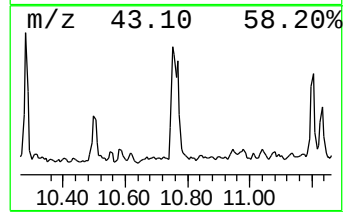
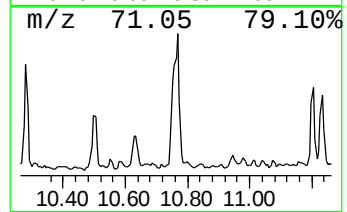
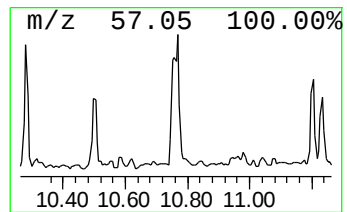
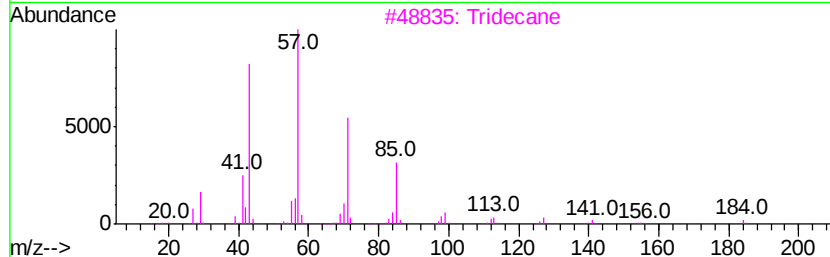
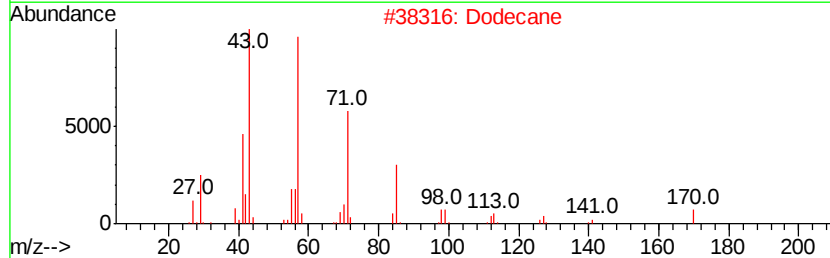
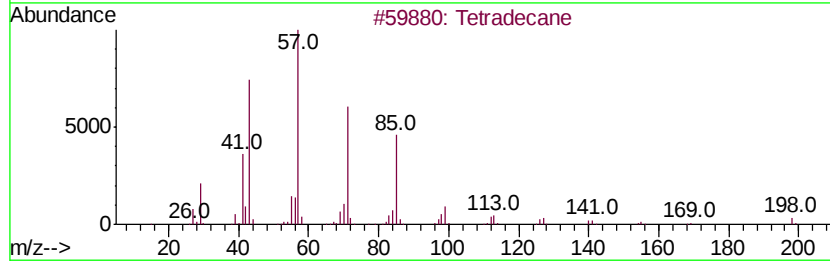
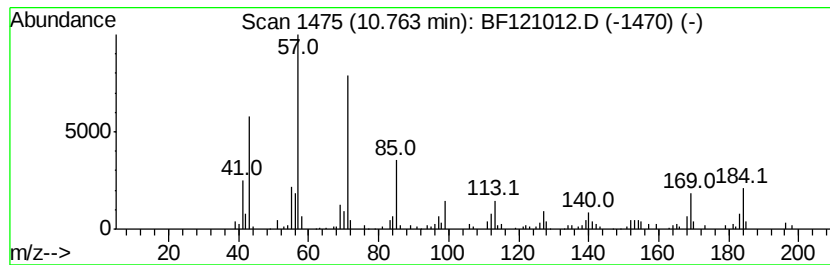
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Peak Number 3 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.76	3.79 ng	208246	Phenanthrene-d10	11.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Dodecane	170	C12H26	000112-40-3	89
3	Tridecane	184	C13H28	000629-50-5	76
4	Heneicosane	296	C21H44	000629-94-7	74
5	Hexadecane	226	C16H34	000544-76-3	72



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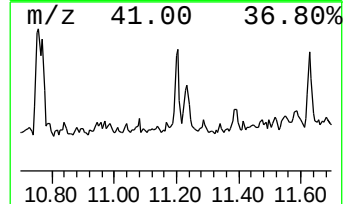
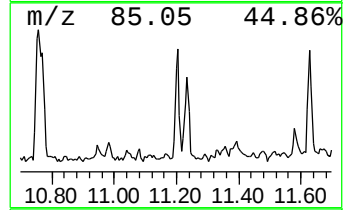
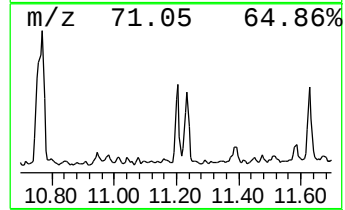
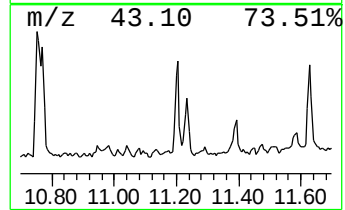
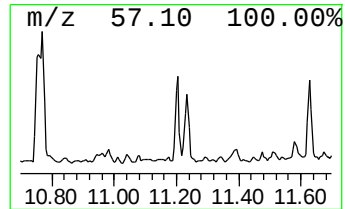
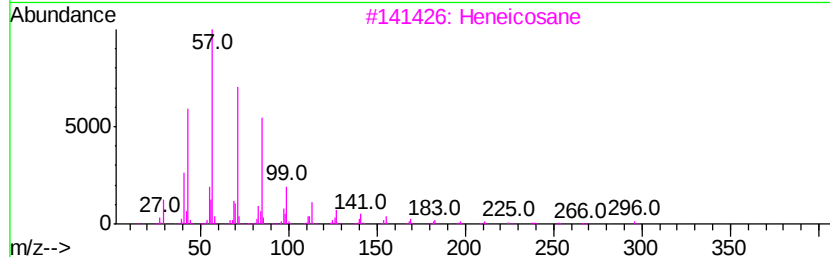
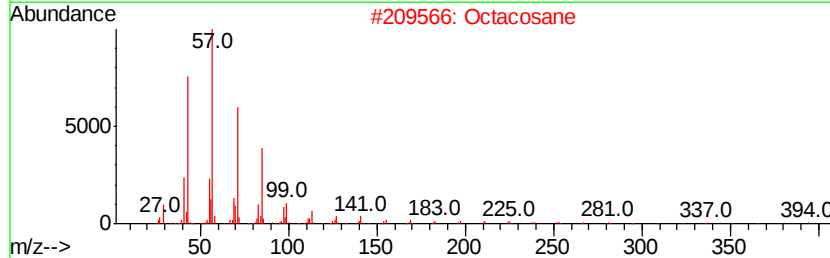
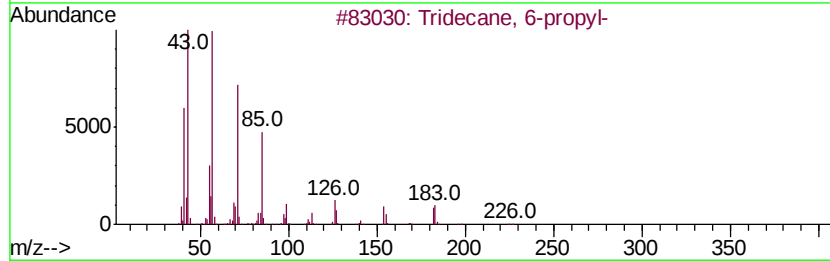
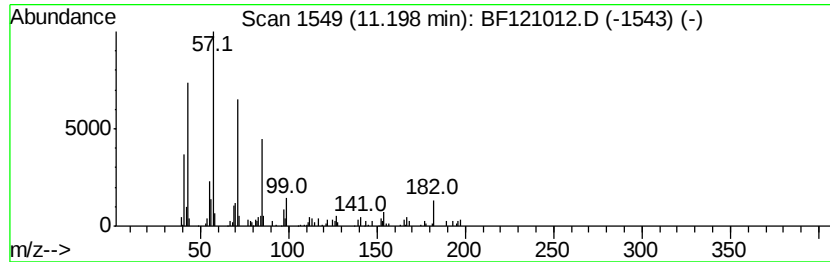
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane, 6-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	2.01 ng	110421	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	72
2		Octacosane	394	C28H58	000630-02-4	68
3		Heneicosane	296	C21H44	000629-94-7	68
4		Tetradecane	198	C14H30	000629-59-4	68
5		Tetracosane	338	C24H50	000646-31-1	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121012.D
Acq On : 24 Jul 2020 19:50
Operator : JU/CG
Sample : L3381-04 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

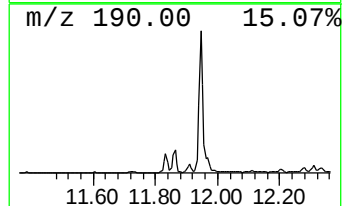
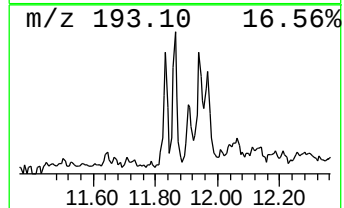
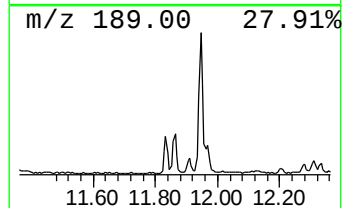
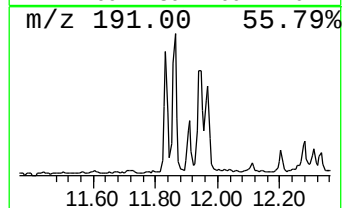
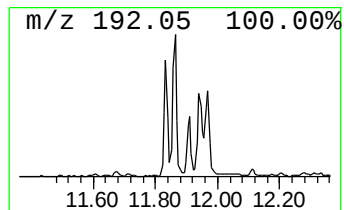
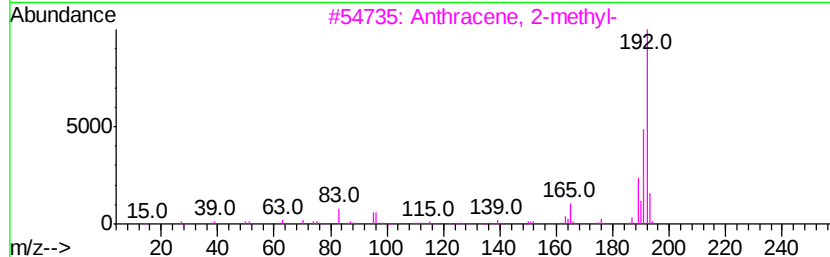
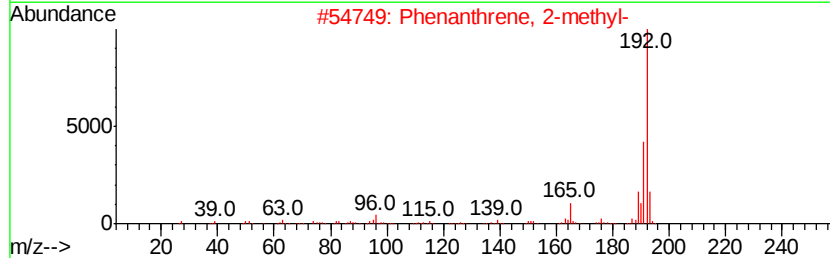
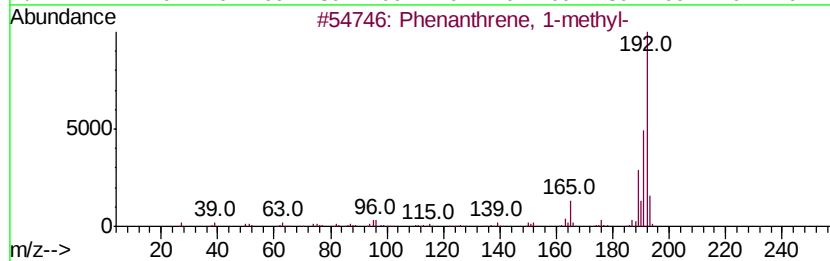
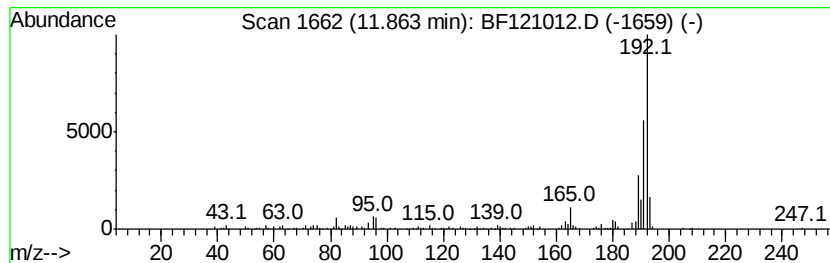
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.86	2.32 ng	127750	Phenanthrene-d10	11.33		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121012.D
Acq On : 24 Jul 2020 19:50
Operator : JU/CG
Sample : L3381-04 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

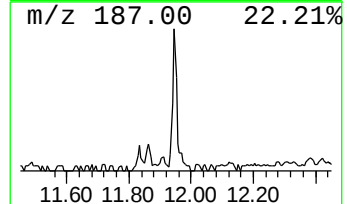
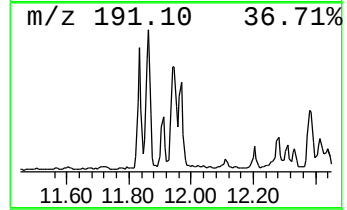
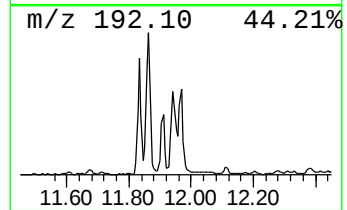
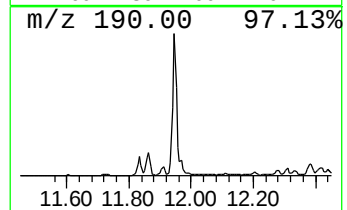
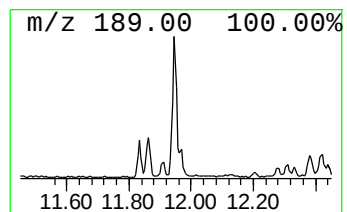
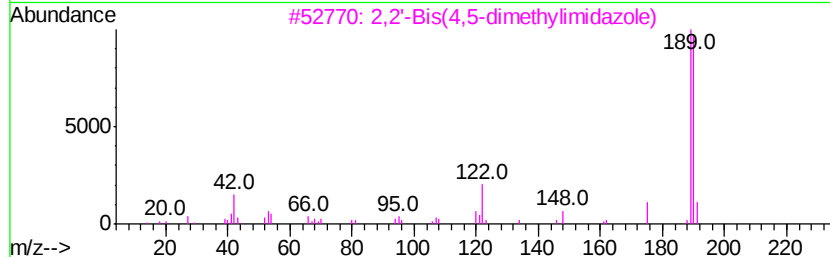
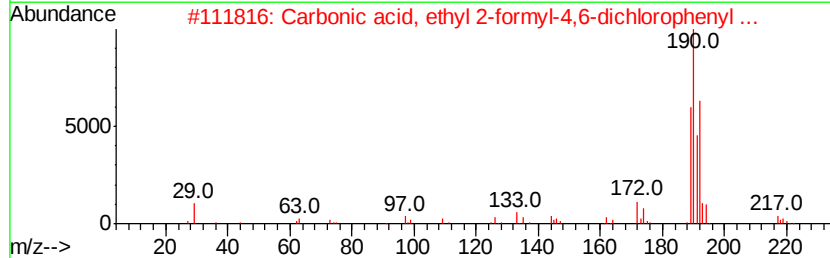
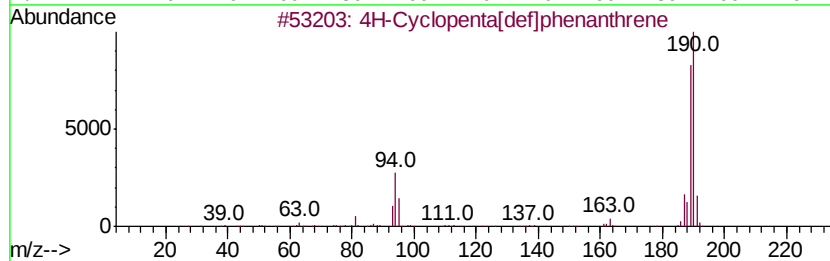
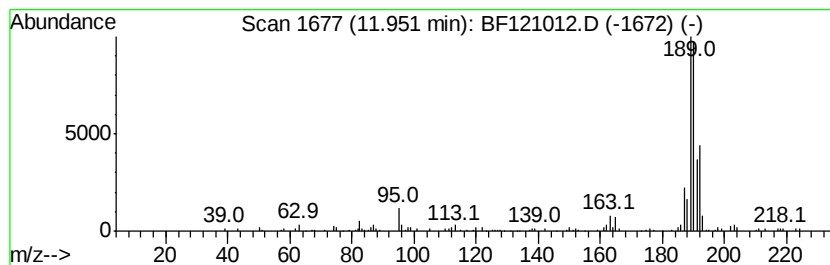
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.95	3.85 ng	211601	Phenanthrene-d10	11.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cvclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5	Carbonic acid, 2-formyl-4,6-dich...	276	C11H10Cl2O4	1000331-39-3	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121012.D
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Sample : L3381-04 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

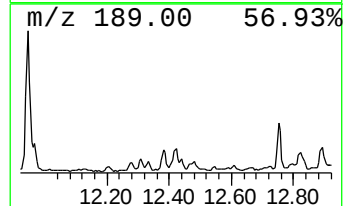
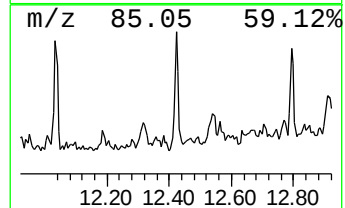
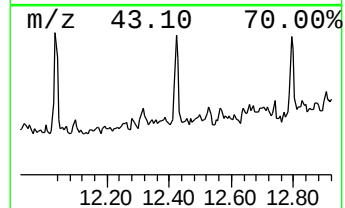
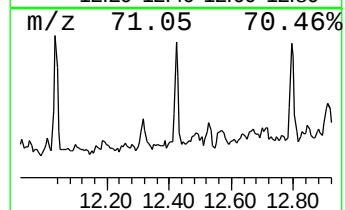
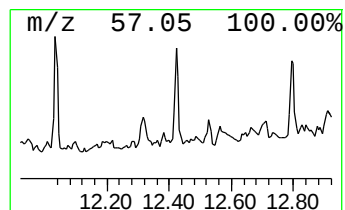
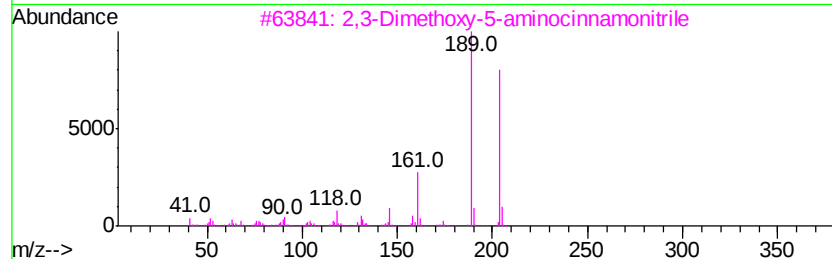
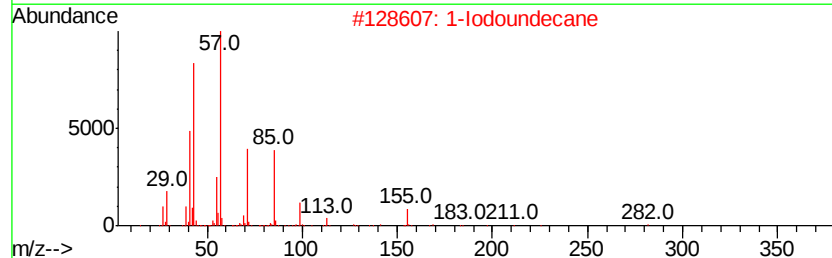
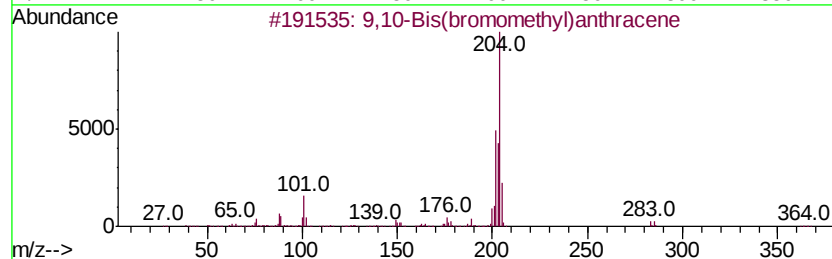
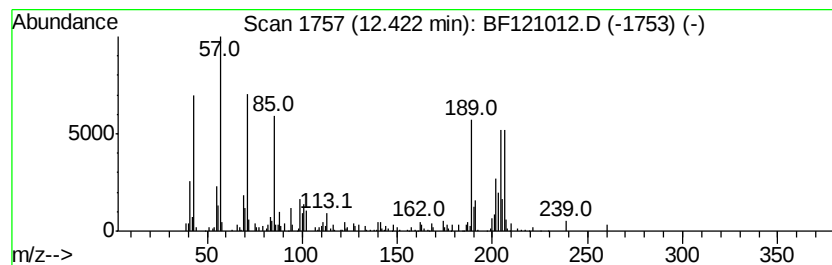
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown12.42 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.42	2.26 ng	124251	Phenanthrene-d10	11.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	22
2	1-Iodoundecane	282	C11H23I	004282-44-4	14
3	2,3-Dimethoxy-5-aminocinnamionitrile	204	C11H12N2O2	1000214-46-5	14
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	14
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121012.D
Acq On : 24 Jul 2020 19:50
Operator : JU/CG
Sample : L3381-04 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
347-GRID-B1-B2

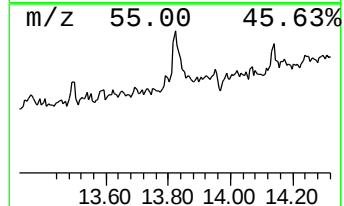
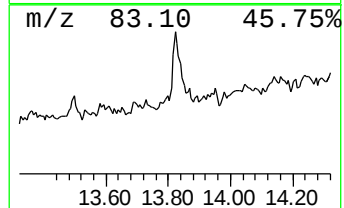
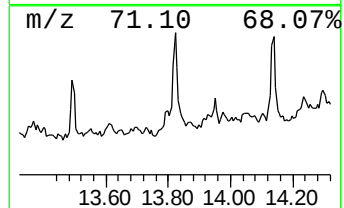
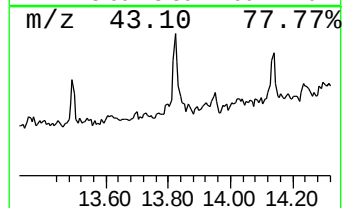
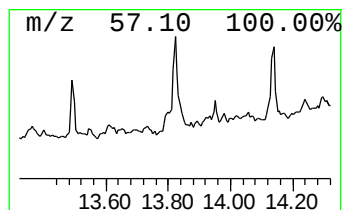
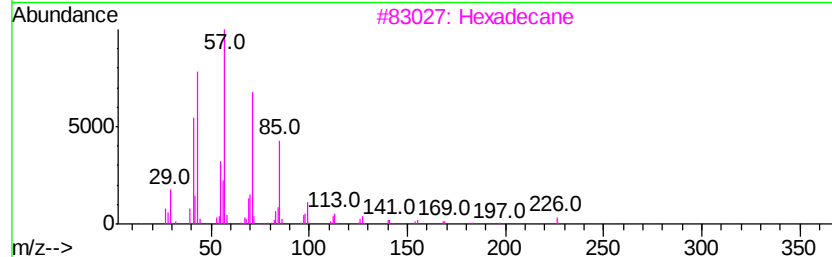
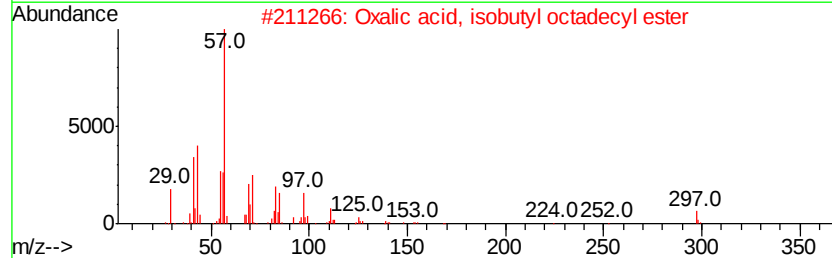
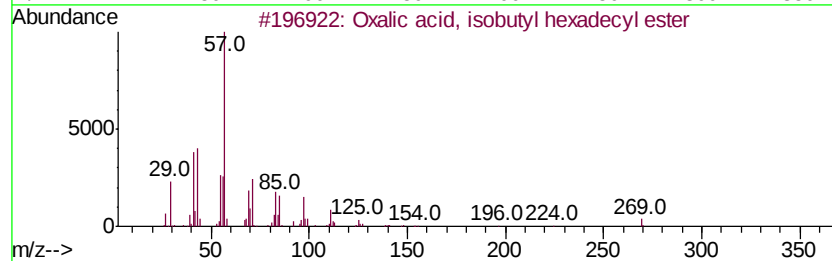
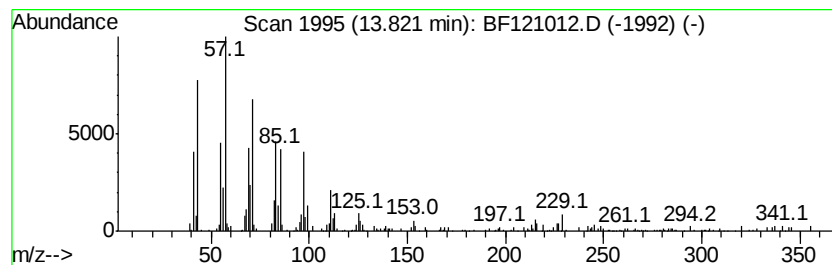
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Oxalic acid, isobutyl hexad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	2.47 ng	211796	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
2		Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	91
3		Hexadecane	226	C16H34	000544-76-3	83
4		1-Eicosene	280	C20H40	003452-07-1	83
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121012.D
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Sample : L3381-04 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

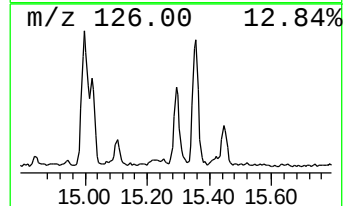
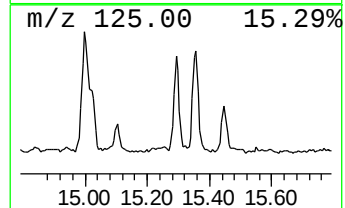
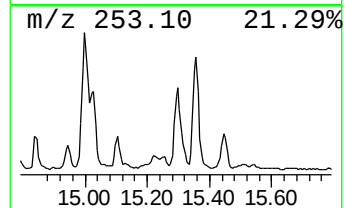
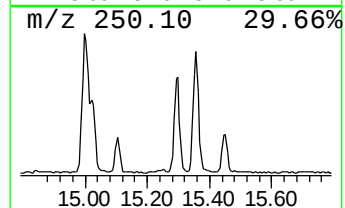
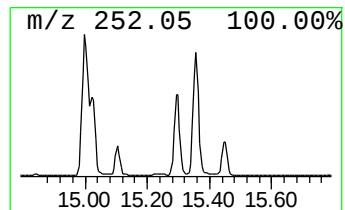
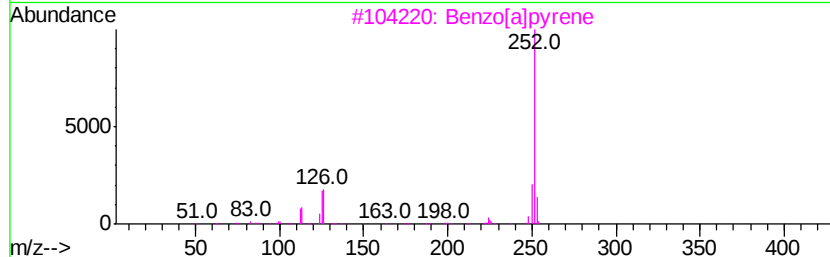
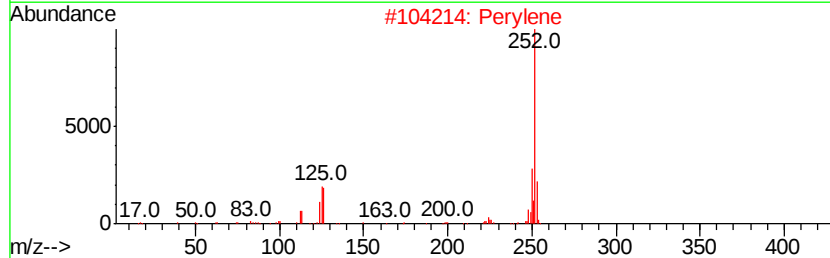
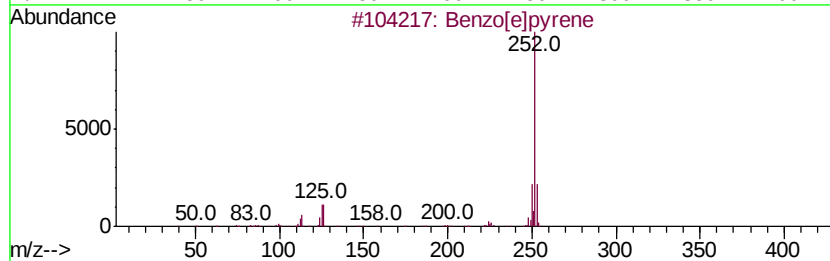
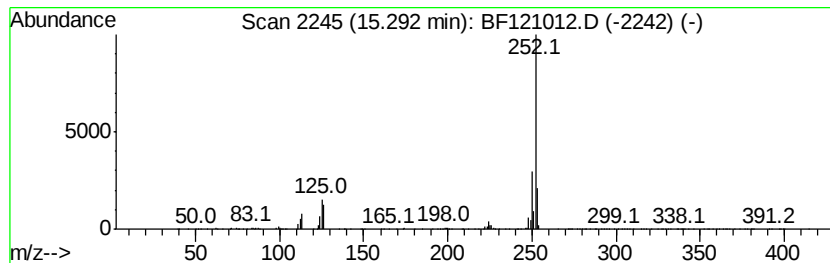
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.29	7.62 ng	432435	Perylene-d12	15.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072420\
Data File : BF121012.D
Acq On : 24 Jul 2020 19:50
Operator : JU/CG
Sample : L3381-04 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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Eicosane, 10-methyl-	9.25	2.2	ng	129865	3	9.85	1172180	20.0
Tetradecane	10.76	3.8	ng	208246	4	11.33	1100330	20.0
Tridecane, 6-propyl-	11.20	2.0	ng	110421	4	11.33	1100330	20.0
Phenanthrene, 1-m...	11.86	2.3	ng	127750	4	11.33	1100330	20.0
4H-Cyclopenta[def...	11.95	3.9	ng	211601	4	11.33	1100330	20.0
unknown12.42	12.42	2.3	ng	124251	4	11.33	1100330	20.0
Oxalic acid, isob...	13.82	2.5	ng	211796	5	13.97	1716880	20.0
Benzo[e]pyrene	15.29	7.6	ng	432435	6	15.42	1135100	20.0