

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
 Data File : BF114454.D
 Acq On : 21 May 2019 14:32
 Operator : JU/SJ
 Sample : K2865-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-21-S

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-BF051019.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	5.457	570	573	594	rVB	4020273	4501145	77.96%	3.952%
2	6.475	741	746	758	rVV	4737444	4927152	85.34%	4.326%
3	6.604	764	768	774	rVB	5188299	4669454	80.87%	4.099%
4	6.663	774	778	781	rBV2	446523	467422	8.10%	0.410%
5	6.828	802	806	813	rVB	1670844	1580593	27.37%	1.388%
6	6.987	828	833	836	rBV	3844401	3750595	64.96%	3.293%
7	7.392	898	902	905	rVV	3209609	3087450	53.47%	2.711%
8	7.422	905	907	911	rVV	1029343	833455	14.43%	0.732%
9	7.475	911	916	919	rVB4	172854	244669	4.24%	0.215%
10	7.534	919	926	931	rBV6	106827	261757	4.53%	0.230%
11	7.857	978	981	986	rVB4	222041	273106	4.73%	0.240%
12	8.092	1018	1021	1022	rVV	1309895	1096046	18.98%	0.962%
13	8.110	1022	1024	1027	rVV	2096585	1888137	32.70%	1.658%
14	8.169	1030	1034	1037	rVV	365474	414134	7.17%	0.364%
15	8.404	1069	1074	1080	rVB4	210600	299645	5.19%	0.263%
16	8.486	1085	1088	1092	rVB2	233791	224118	3.88%	0.197%
17	8.528	1092	1095	1098	rBV	526361	515409	8.93%	0.452%
18	8.698	1121	1124	1129	rBV	1346937	1108075	19.19%	0.973%
19	8.828	1143	1146	1149	rBV	374462	324044	5.61%	0.284%
20	8.928	1159	1163	1166	rBV2	224890	269142	4.66%	0.236%
21	9.128	1195	1197	1202	rVB	380967	334680	5.80%	0.294%
22	9.186	1202	1207	1210	rBV	5659106	5030188	87.12%	4.416%
23	9.263	1216	1220	1223	rBV	1238248	1038360	17.98%	0.912%
24	9.457	1248	1253	1256	rVB	199349	256205	4.44%	0.225%
25	9.522	1261	1264	1267	rBV2	279906	313942	5.44%	0.276%
26	9.581	1271	1274	1277	rVV2	922099	917338	15.89%	0.805%
27	9.792	1307	1310	1315	rVB	840012	647278	11.21%	0.568%
28	9.863	1315	1322	1326	rBV	2315200	2231094	38.64%	1.959%
29	10.069	1354	1357	1361	rVV2	211019	268733	4.65%	0.236%
30	10.110	1361	1364	1368	rVB2	233058	247675	4.29%	0.217%
31	10.292	1392	1395	1397	rVB	487601	429762	7.44%	0.377%
32	10.416	1412	1416	1421	rVV4	172764	257934	4.47%	0.226%
33	10.528	1433	1435	1438	rVV	265213	236875	4.10%	0.208%
34	10.657	1453	1457	1462	rBV	2981059	2933826	50.81%	2.576%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.763	1472	1475	1476	rBV	349993	296826	5.14%	0.261%
36	11.210	1547	1551	1553	rVV2	437381	402262	6.97%	0.353%
37	11.245	1553	1557	1562	rVB2	263286	328357	5.69%	0.288%
38	11.351	1571	1575	1577	rBV	2410505	2224795	38.53%	1.953%
39	11.375	1577	1579	1583	rVV	3100180	2630258	45.55%	2.309%
40	11.427	1585	1588	1591	rVV	854676	760054	13.16%	0.667%
41	11.463	1591	1594	1597	rVV2	175745	250076	4.33%	0.220%
42	11.586	1611	1615	1621	rVV	489428	604052	10.46%	0.530%
43	11.680	1629	1631	1637	rVB3	171690	254923	4.42%	0.224%
44	11.851	1657	1660	1662	rBV	716744	606847	10.51%	0.533%
45	11.880	1662	1665	1670	rVV2	1526990	1518470	26.30%	1.333%
46	11.927	1670	1673	1676	rVV	263679	266792	4.62%	0.234%
47	11.963	1676	1679	1682	rVV	891919	989648	17.14%	0.869%
48	11.986	1682	1683	1688	rVB	398340	267578	4.63%	0.235%
49	12.045	1689	1693	1695	rBV	240324	276359	4.79%	0.243%
50	12.145	1707	1710	1714	rBV	498223	464210	8.04%	0.408%
51	12.327	1739	1741	1744	rBV	314763	281634	4.88%	0.247%
52	12.404	1751	1754	1757	rBV	563487	534710	9.26%	0.469%
53	12.433	1757	1759	1763	rVV3	227700	293683	5.09%	0.258%
54	12.492	1766	1769	1773	rBV3	175349	227565	3.94%	0.200%
55	12.574	1778	1783	1786	rBV	4929467	5050984	87.48%	4.434%
56	12.657	1795	1797	1805	rBV6	209041	257944	4.47%	0.226%
57	12.798	1815	1821	1827	rBV2	4194473	5773881	100.00%	5.069%
58	12.845	1827	1829	1833	rVB2	375399	429171	7.43%	0.377%
59	12.933	1837	1844	1847	rBV	4674916	4742139	82.13%	4.163%
60	12.957	1847	1848	1853	rVB	411618	354287	6.14%	0.311%
61	13.010	1853	1857	1862	rBV2	398146	797231	13.81%	0.700%
62	13.121	1873	1876	1879	rVB	1211747	1233316	21.36%	1.083%
63	13.192	1884	1888	1890	rBV	1112568	972562	16.84%	0.854%
64	13.227	1890	1894	1896	rBV2	614086	665972	11.53%	0.585%
65	13.321	1907	1910	1913	rBV	384500	363136	6.29%	0.319%
66	13.351	1913	1915	1918	rBV	411605	367485	6.36%	0.323%
67	13.545	1946	1948	1955	rVB	492367	589344	10.21%	0.517%
68	13.610	1955	1959	1961	rBV2	240782	327821	5.68%	0.288%
69	13.639	1961	1964	1967	rVB2	336964	318089	5.51%	0.279%
70	13.745	1977	1982	1984	rBV	659506	753420	13.05%	0.661%
71	13.768	1984	1986	1988	rVB	455408	353303	6.12%	0.310%

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Sampling : 1 Min Area: 3 % of largest Peak
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72	13.798	1988	1991	1994	rBV2	370158	605143	10.48%	0.531%
73	13.963	2016	2019	2020	rBV2	455999	411871	7.13%	0.362%
74	13.992	2020	2024	2027	rVV2	3174807	4878442	84.49%	4.283%
75	14.021	2027	2029	2032	rVB	2789758	2476575	42.89%	2.174%
76	14.104	2041	2043	2045	rVV	532681	426614	7.39%	0.375%
77	14.139	2046	2049	2052	rVV2	329239	468505	8.11%	0.411%
78	14.186	2055	2057	2060	rVV	268394	230554	3.99%	0.202%
79	14.221	2060	2063	2067	rVV2	344586	445240	7.71%	0.391%
80	14.345	2082	2084	2086	rBV	289578	269824	4.67%	0.237%
81	14.386	2086	2091	2094	rVV	795116	1043875	18.08%	0.916%
82	14.416	2094	2096	2099	rVV	465977	399688	6.92%	0.351%
83	14.451	2099	2102	2105	rVV3	490858	614419	10.64%	0.539%
84	14.480	2105	2107	2110	rVV2	292516	289036	5.01%	0.254%
85	14.510	2110	2112	2114	rVV	332879	317368	5.50%	0.279%
86	14.533	2114	2116	2119	rVB2	359036	313287	5.43%	0.275%
87	14.710	2143	2146	2149	rBV2	228003	362582	6.28%	0.318%
88	14.751	2151	2153	2155	rVB	361286	299564	5.19%	0.263%
89	14.880	2172	2175	2178	rBV	292902	320567	5.55%	0.281%
90	15.045	2198	2203	2205	rBV	2228805	3160393	54.74%	2.775%
91	15.151	2217	2221	2225	rBV	434547	518985	8.99%	0.456%
92	15.345	2250	2254	2260	rVB	1407727	1830601	31.70%	1.607%
93	15.410	2260	2265	2269	rVV	2092639	2568285	44.48%	2.255%
94	15.462	2269	2274	2278	rVV2	1521693	2333809	40.42%	2.049%
95	15.498	2278	2280	2287	rVB2	640331	913854	15.83%	0.802%
96	15.886	2342	2346	2354	rBV2	618813	951845	16.49%	0.836%
97	16.380	2426	2430	2438	rVB	471075	814311	14.10%	0.715%
98	16.945	2520	2526	2535	rVB2	850728	1834247	31.77%	1.610%
99	17.392	2597	2602	2612	rVB	545623	1139341	19.73%	1.000%
100	17.639	2640	2644	2657	rVB3	364648	957151	16.58%	0.840%

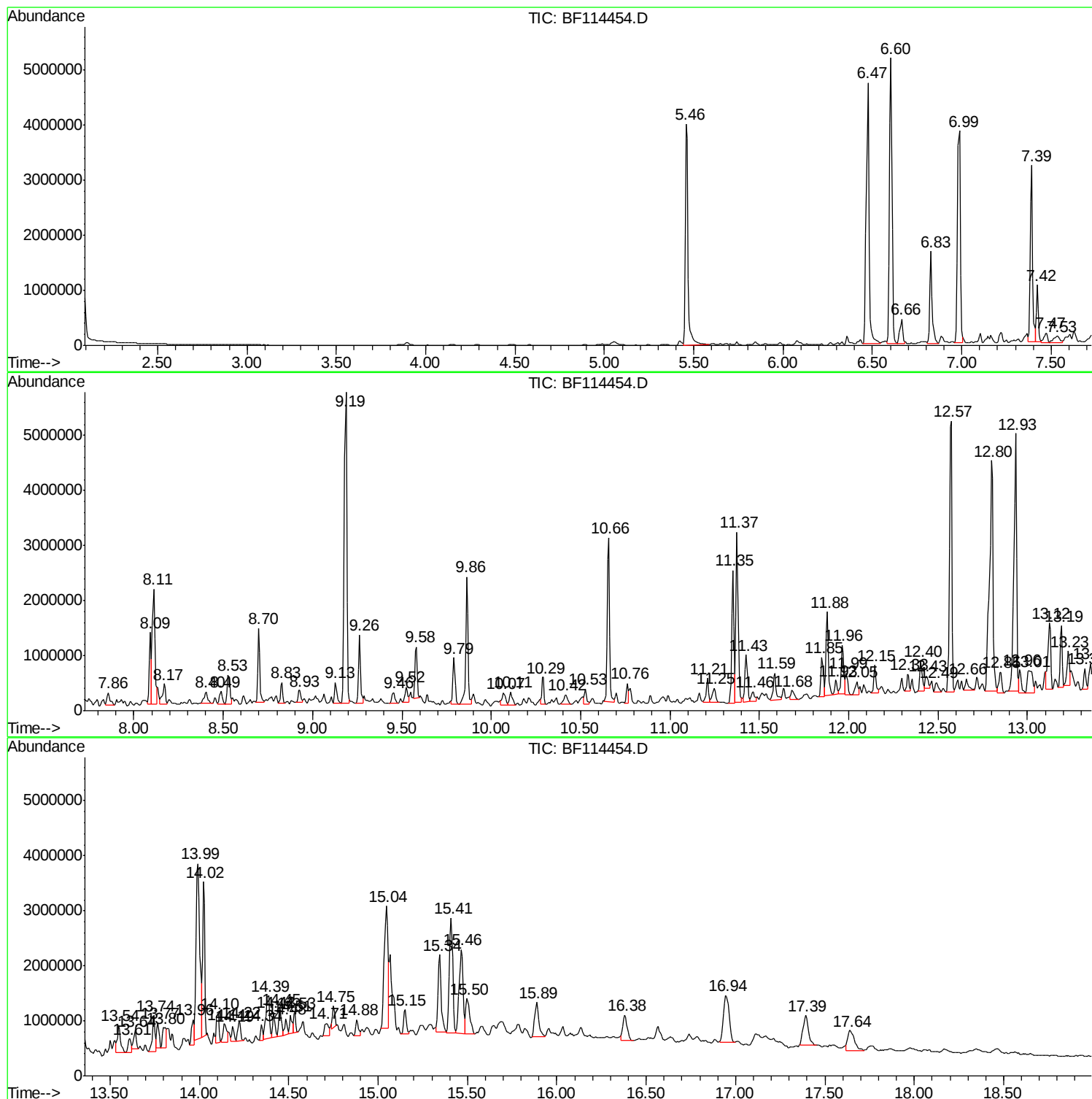
Sum of corrected areas: 113904598

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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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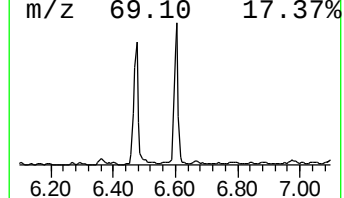
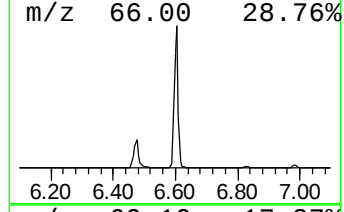
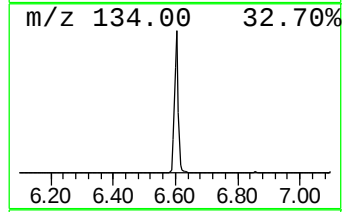
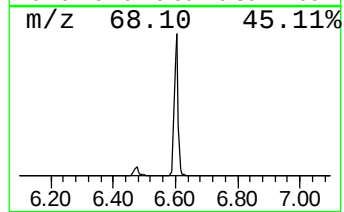
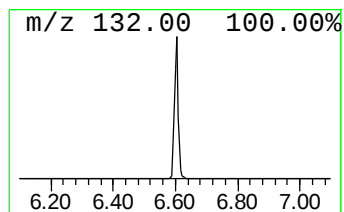
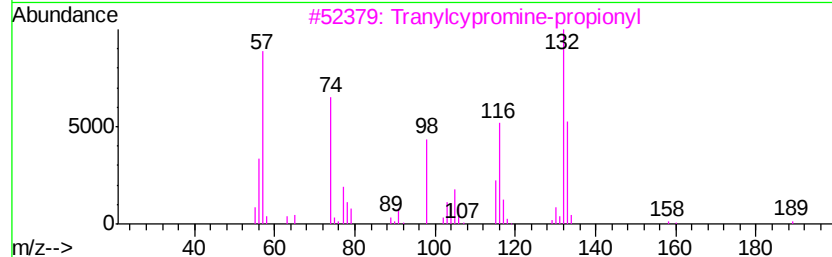
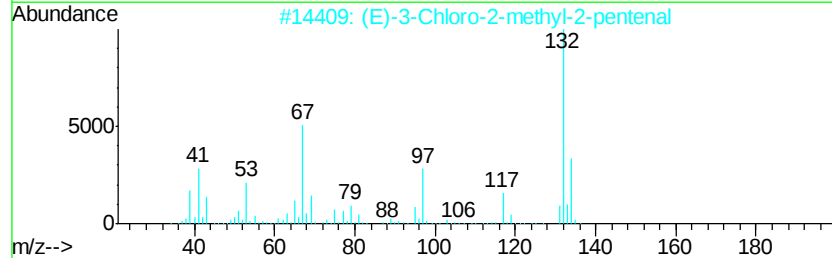
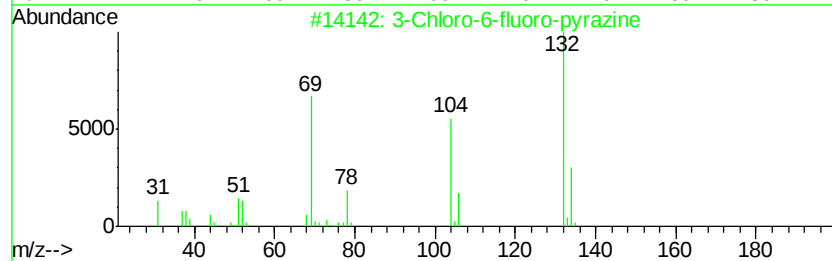
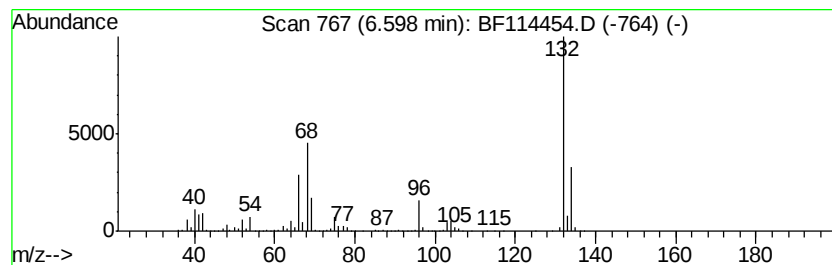
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	59.08 ng	4669450	1,4-Dichlorobenzene-d4	6.83

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	16
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
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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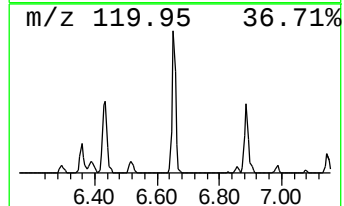
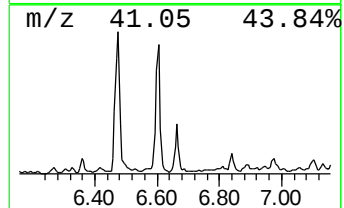
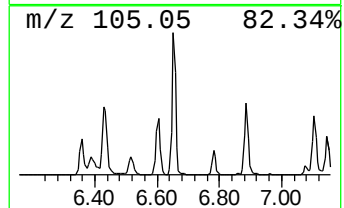
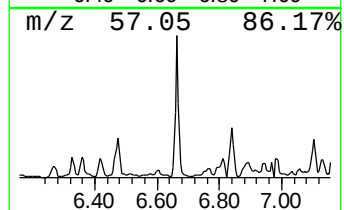
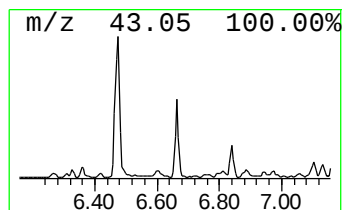
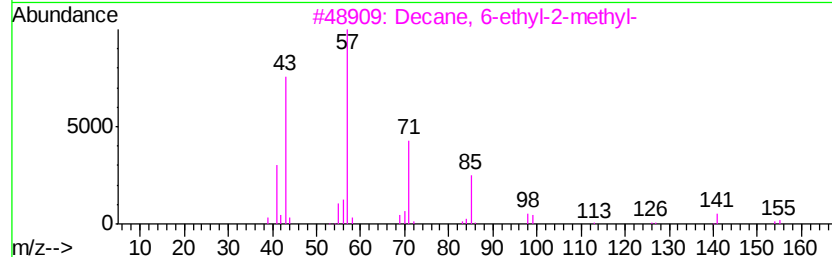
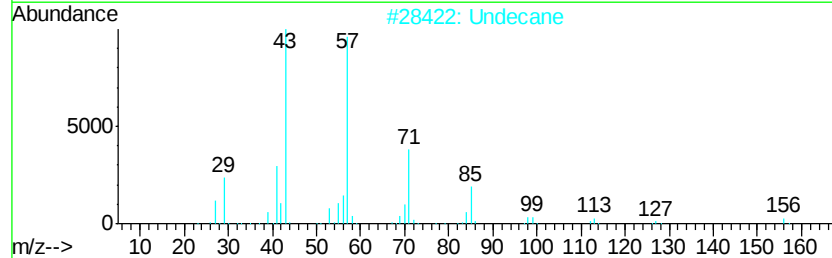
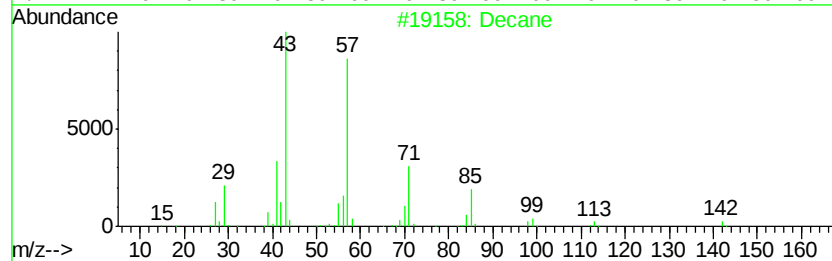
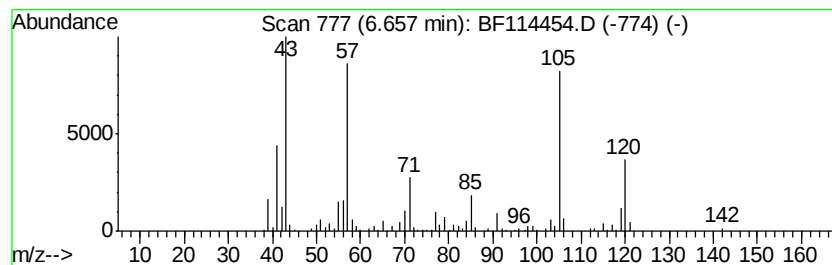
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.66	5.91 ng	467422	1,4-Dichlorobenzene-d4	6.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	81
2	Undecane	156	C11H24	001120-21-4	72
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64
4	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	59
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58



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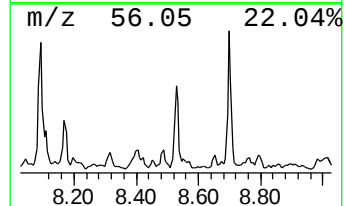
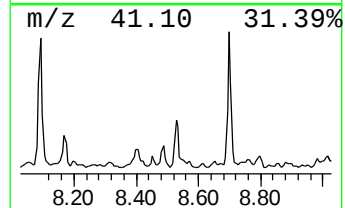
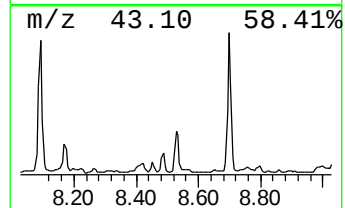
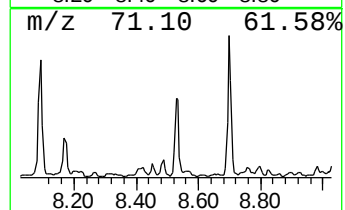
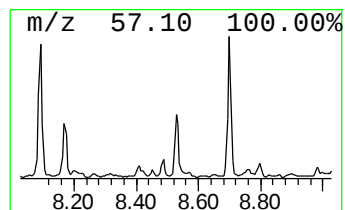
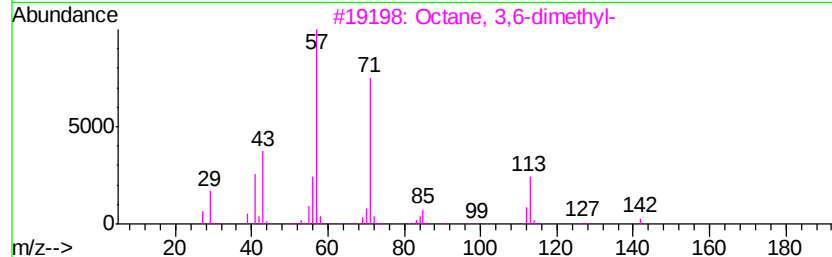
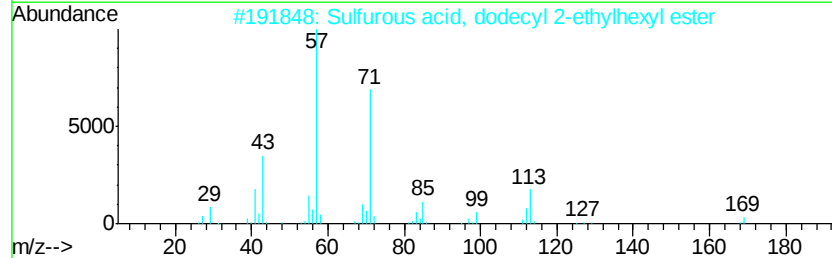
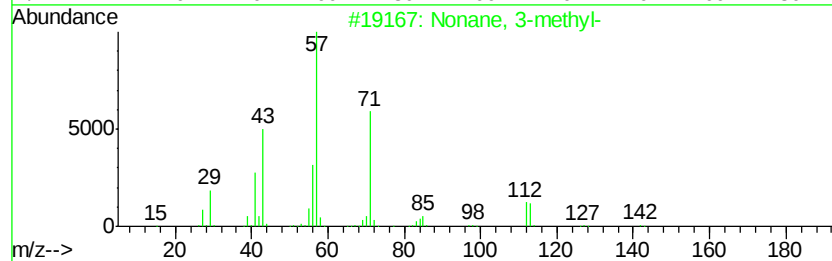
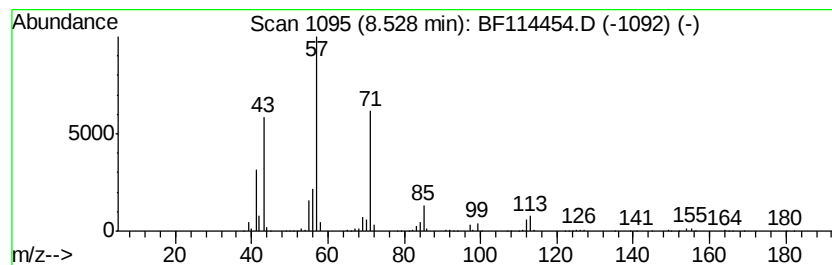
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Nonane, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.53	5.46 ng	515409	Napthalene-d8	8.11		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3-methyl-	142	C10H22	005911-04-6	72
2		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
5		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114454.D
Acq On : 21 May 2019 14:32
Operator : JU/SJ
Sample : K2865-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

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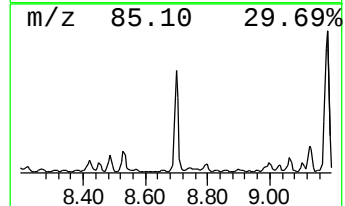
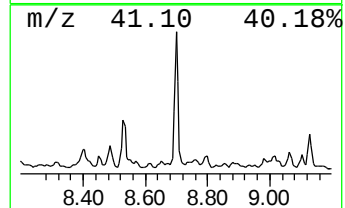
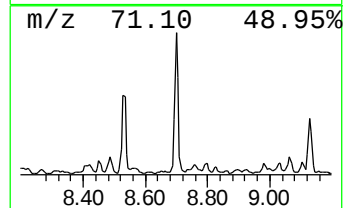
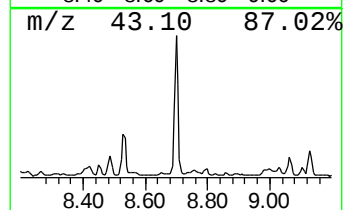
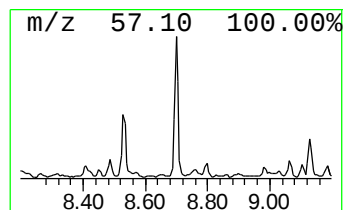
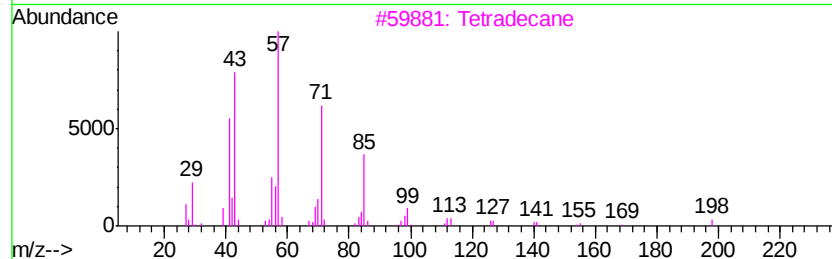
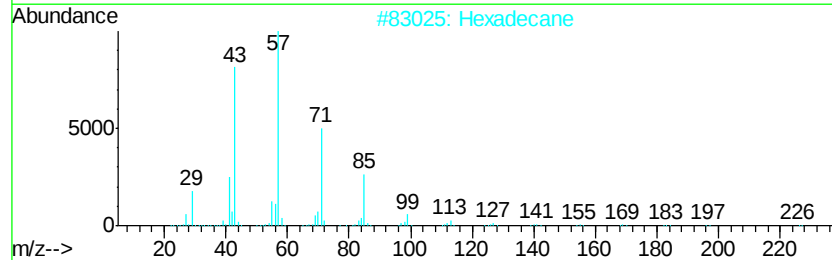
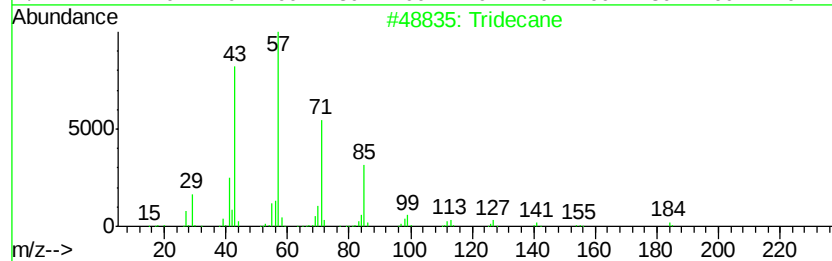
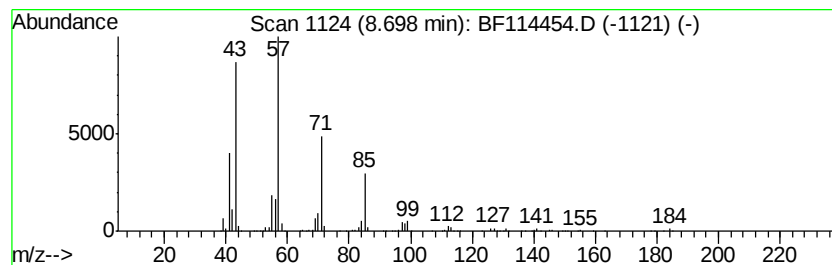
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	11.74 ng	1108080	Naphthalene-d8	8.11

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	94
2	Hexadecane		226	C16H34	000544-76-3	90
3	Tetradecane		198	C14H30	000629-59-4	86
4	Dodecane		170	C12H26	000112-40-3	86
5	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	74



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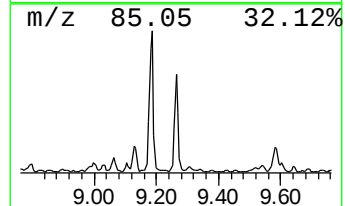
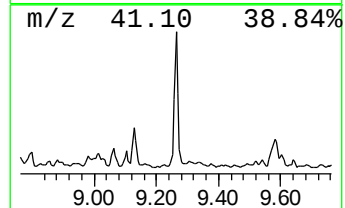
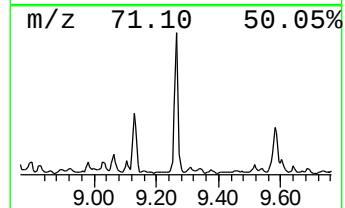
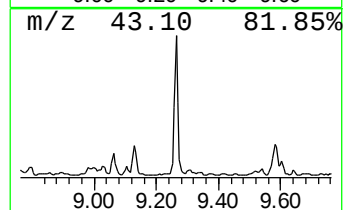
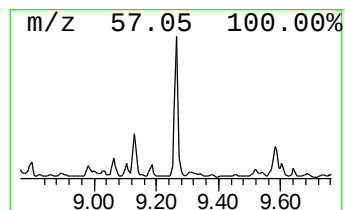
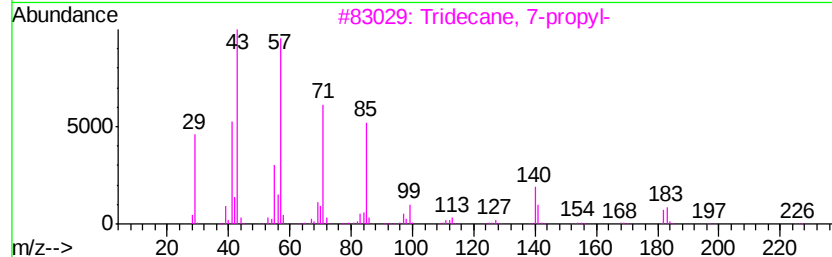
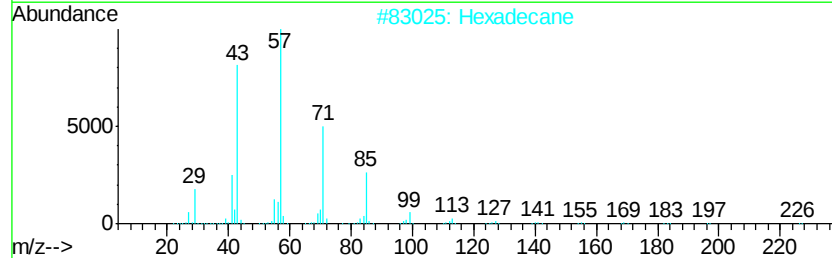
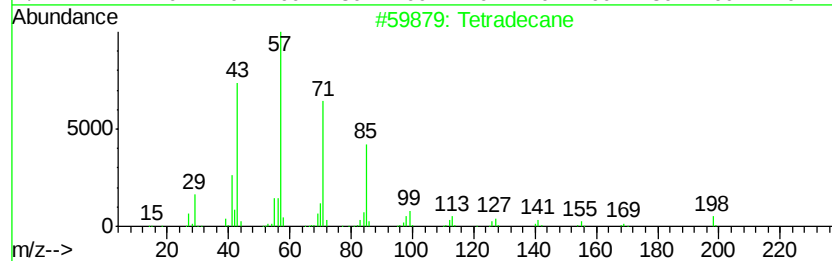
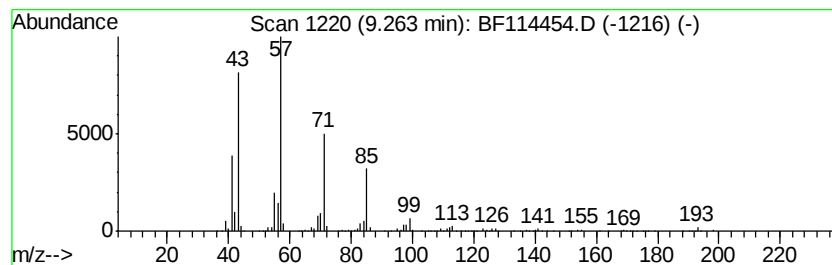
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	9.31 ng	1038360	Acenaphthene-d10	9.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	94
2			Hexadecane	226	C16H34	000544-76-3	91
3			Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
4			Decane, 3-bromo-	220	C10H21Br	030571-71-2	80
5			Tridecane, 6-methyl-	198	C14H30	013287-21-3	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114454.D
Acq On : 21 May 2019 14:32
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Sample : K2865-03
Misc :
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ClientSampleId :
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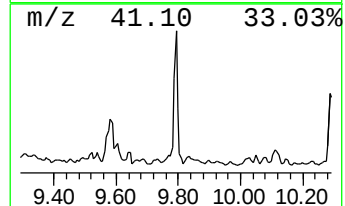
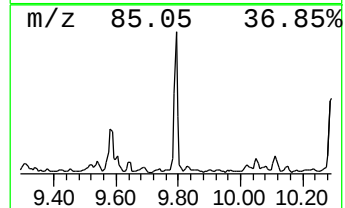
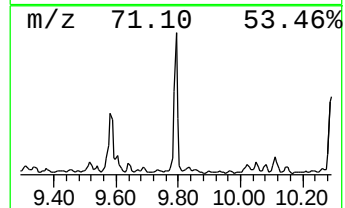
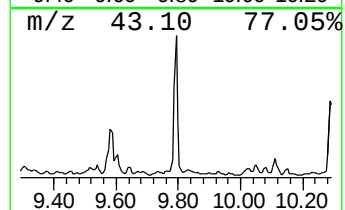
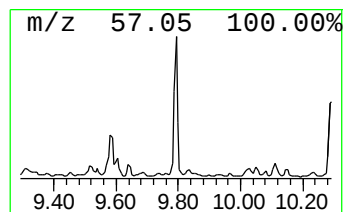
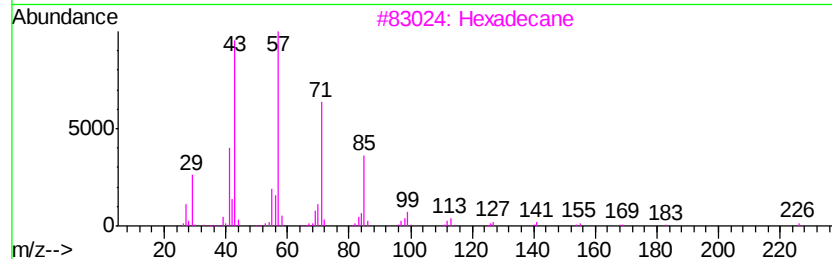
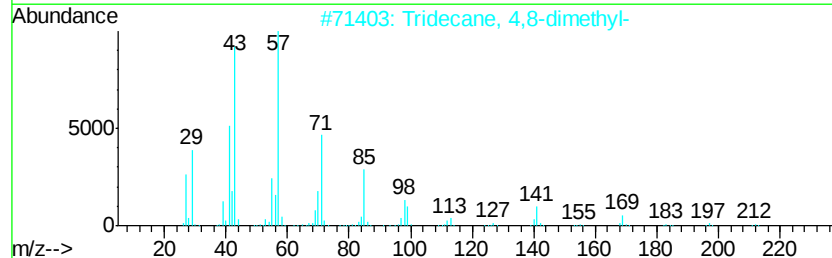
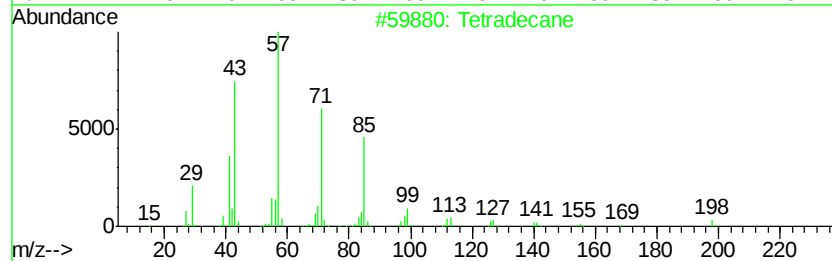
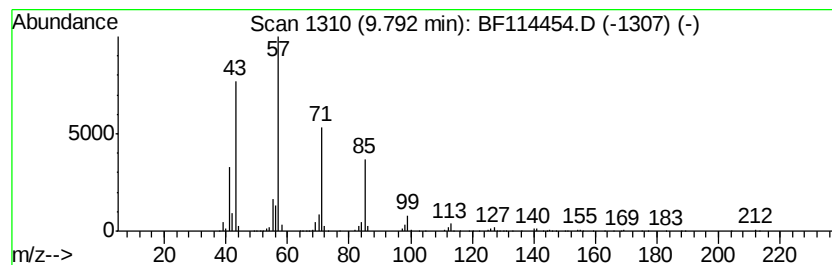
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Tridecane, 4,8-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	5.80 ng	647278	Acenaphthene-d10	9.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	90
2			Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	90
3			Hexadecane	226	C16H34	000544-76-3	86
4			Tridecane	184	C13H28	000629-50-5	83
5			Decane, 3-bromo-	220	C10H21Br	030571-71-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
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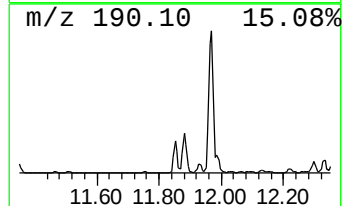
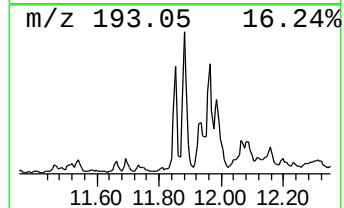
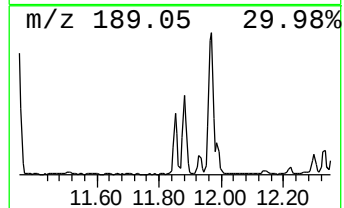
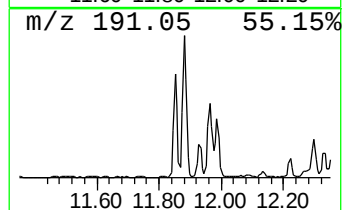
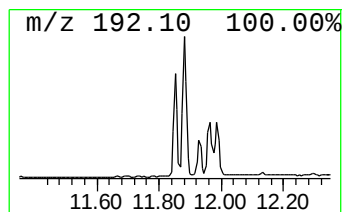
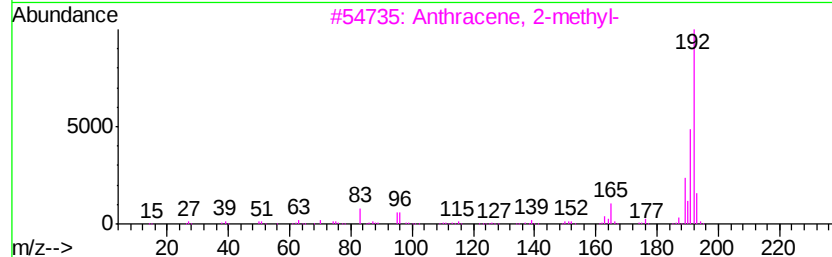
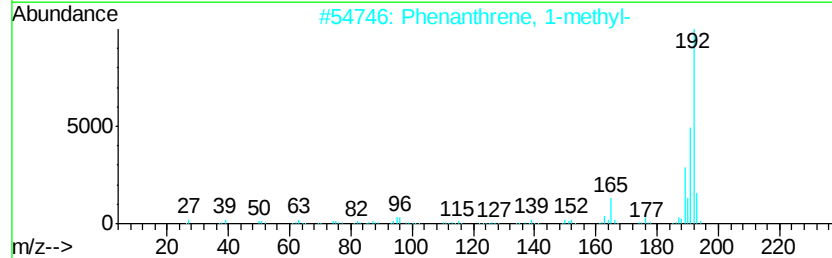
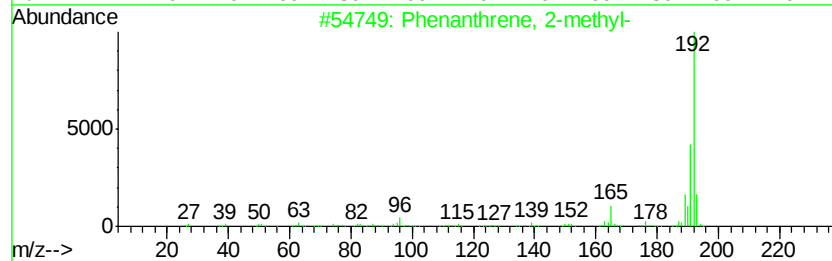
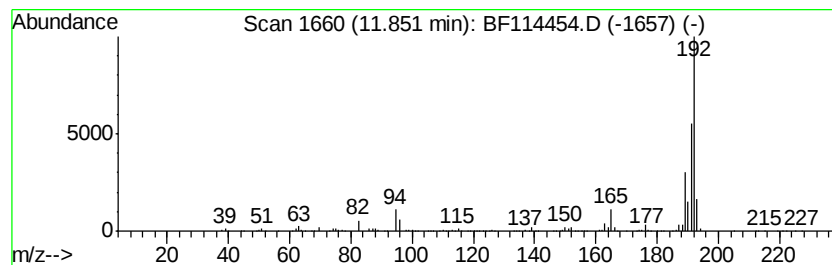
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.85	5.46 ng	606847	Phenanthrene-d10	11.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
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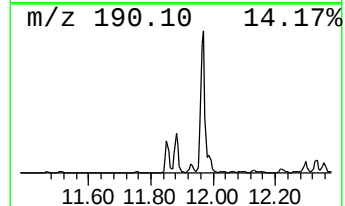
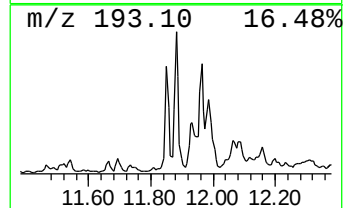
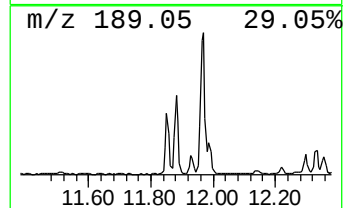
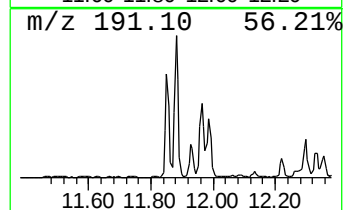
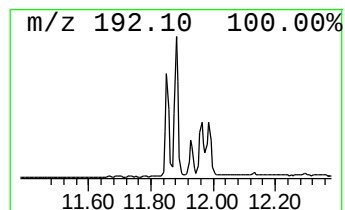
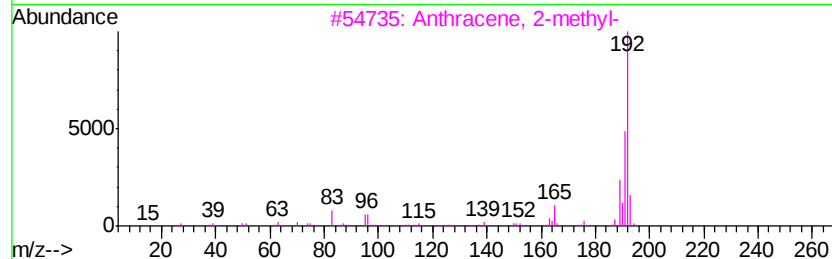
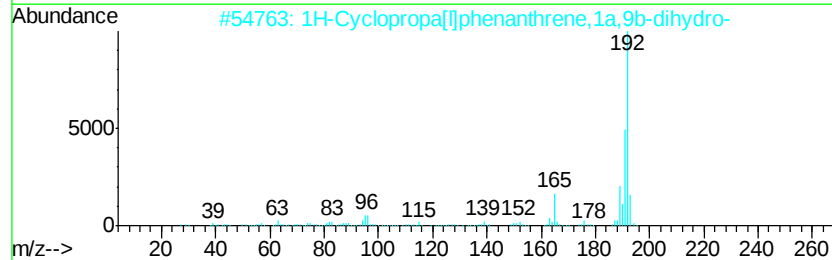
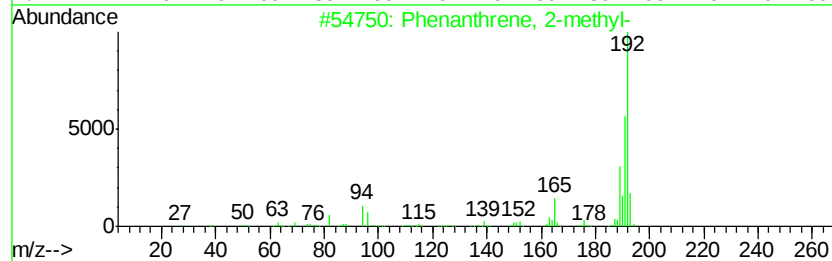
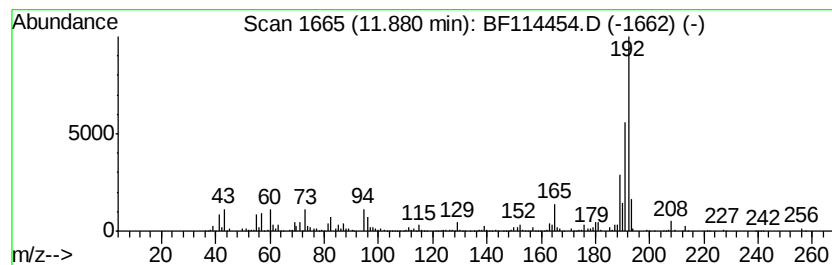
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	13.65 ng	1518470	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	96



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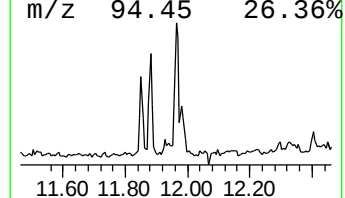
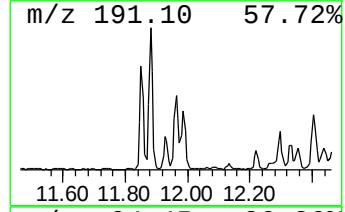
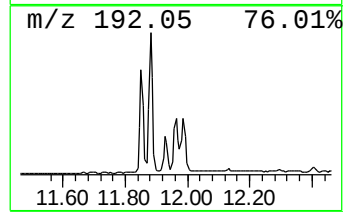
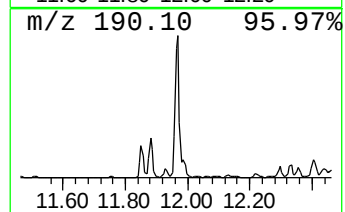
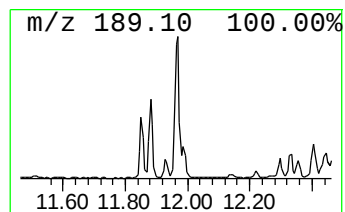
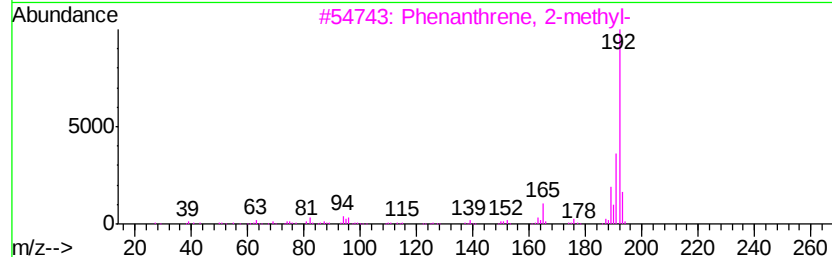
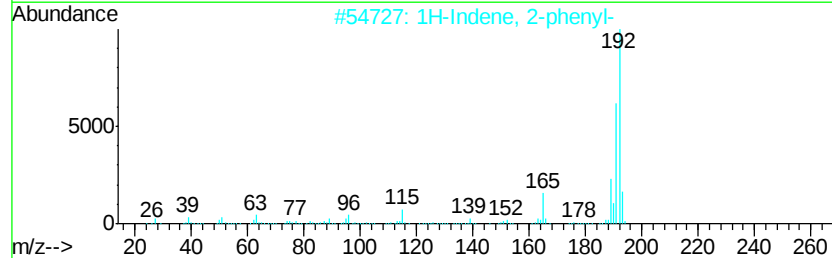
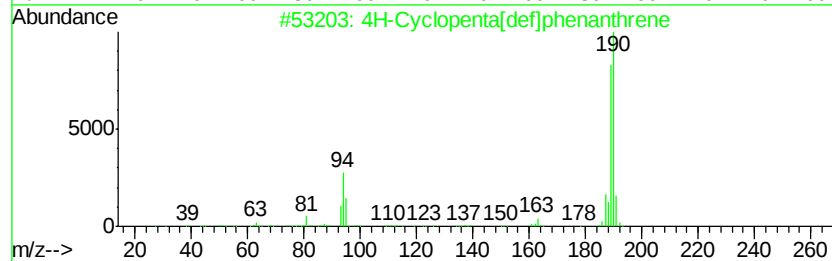
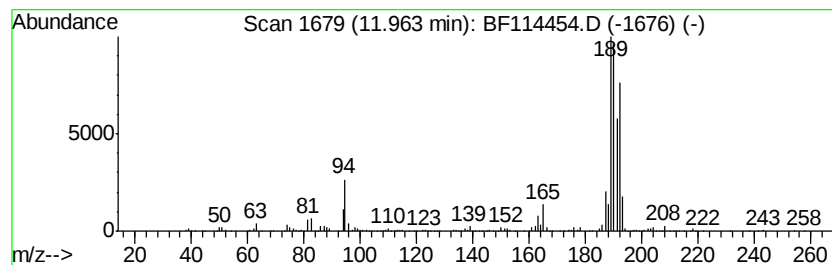
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	8.90 ng	989648	Phenanthrene-d10	11.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
4			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114454.D
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ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :
TP-21-S

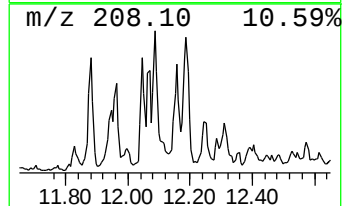
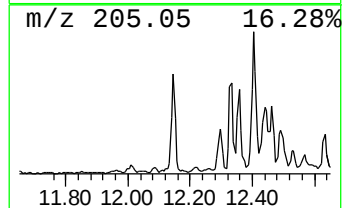
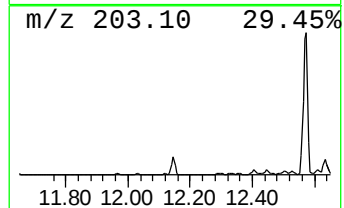
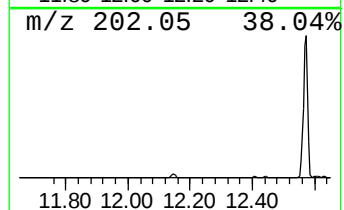
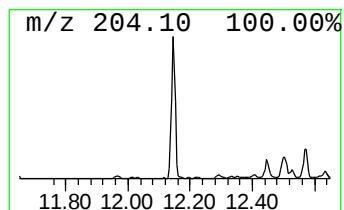
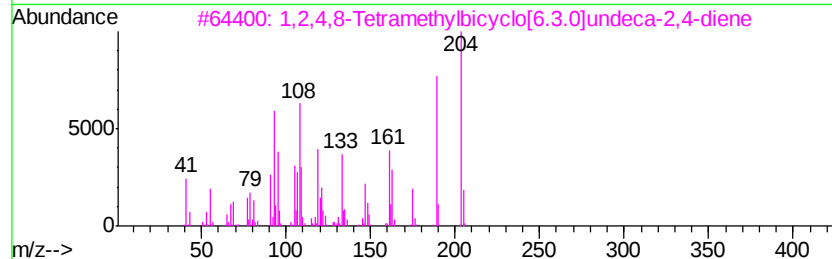
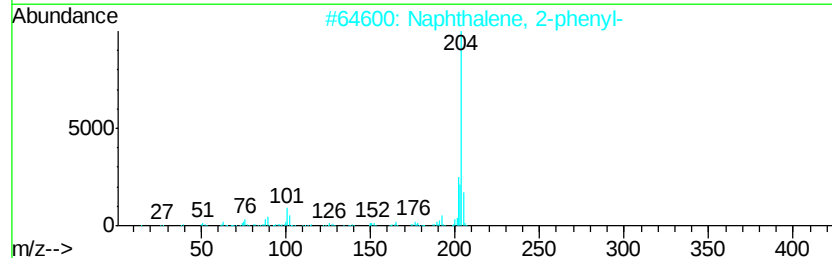
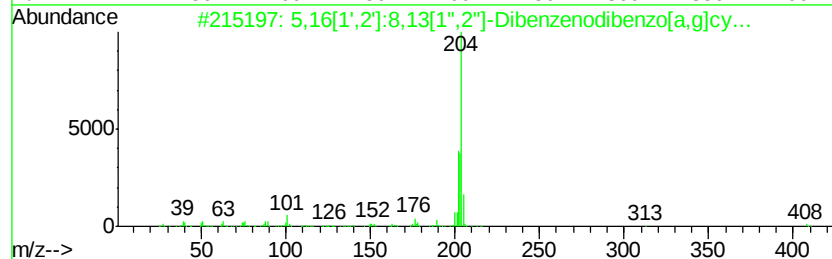
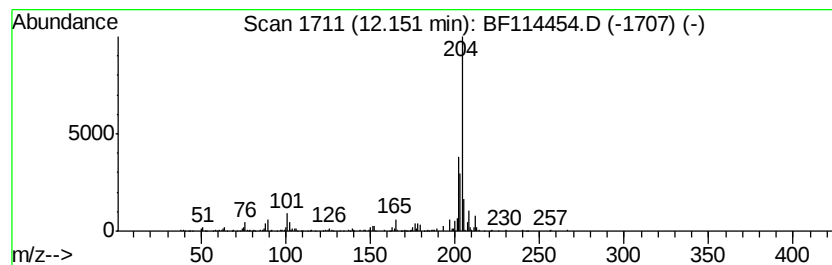
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	4.17 ng	464210	Phenanthrene-d10	11.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3			1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	80
4			Tricyclo[8.2.2.2(4,7)]hexadeca-2,4,6,8-tetraene	204	C16H12	006572-60-7	62
5			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114454.D
Acq On : 21 May 2019 14:32
Operator : JU/SJ
Sample : K2865-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

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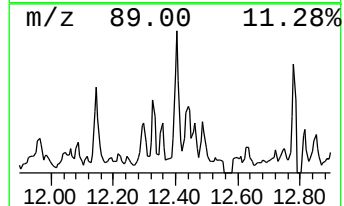
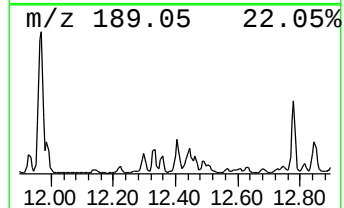
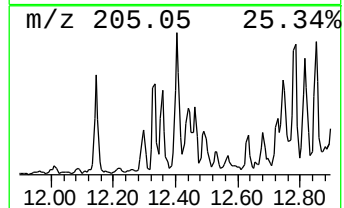
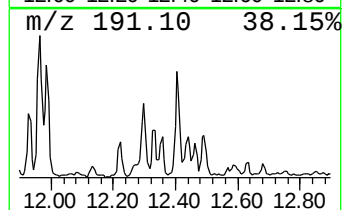
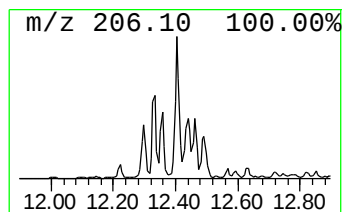
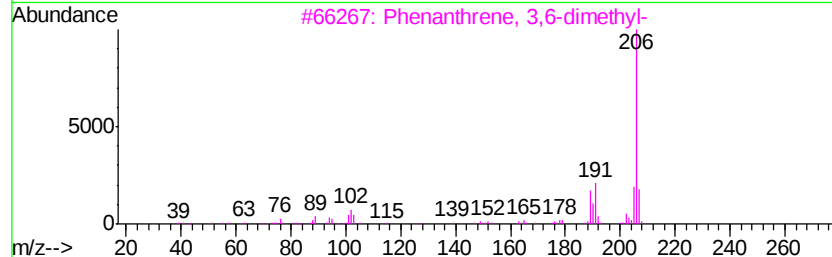
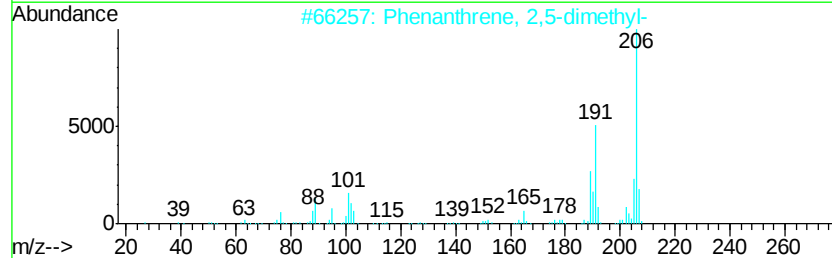
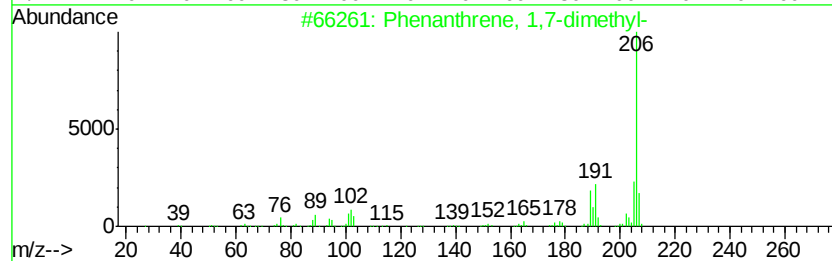
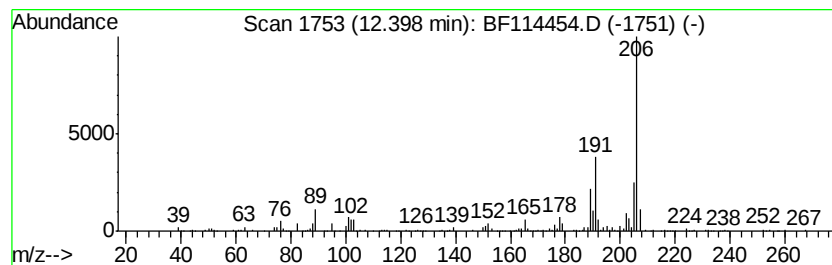
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 1,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	4.81 ng	534710	Phenanthrene-d10	11.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	89
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
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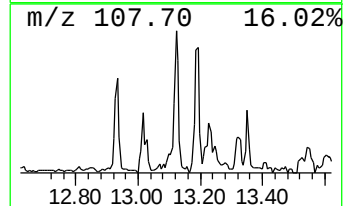
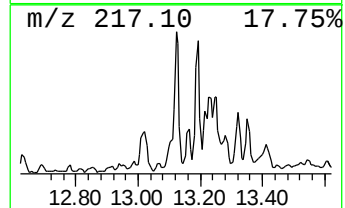
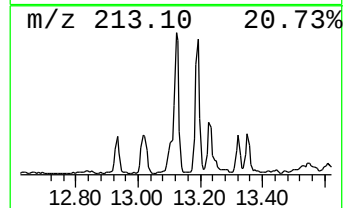
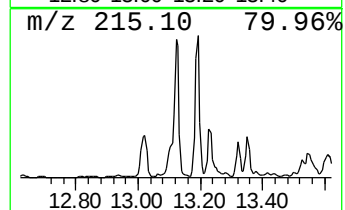
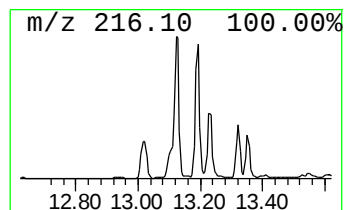
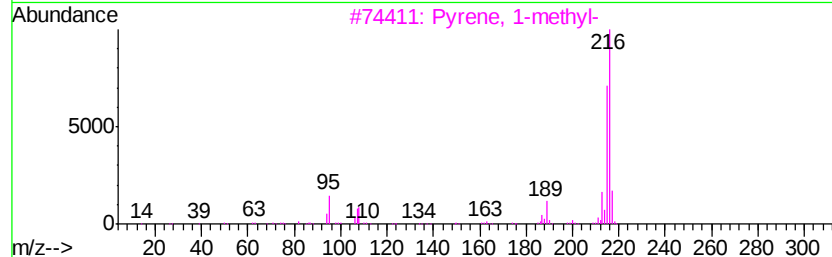
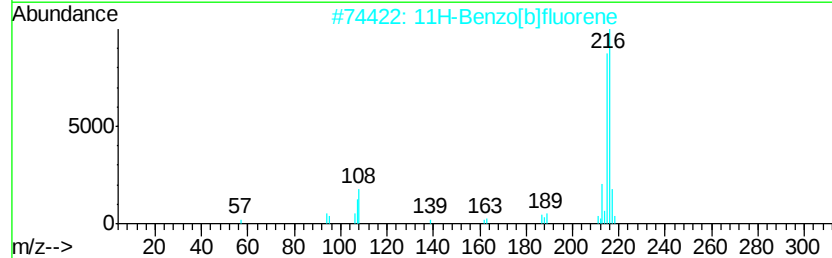
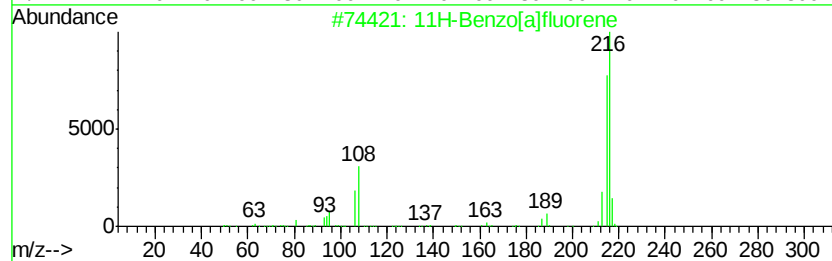
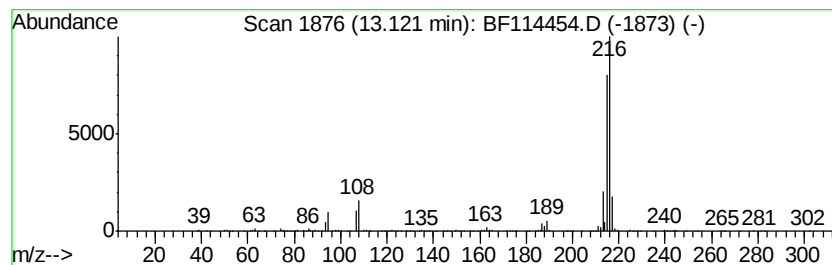
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	5.06 ng	1233320	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114454.D
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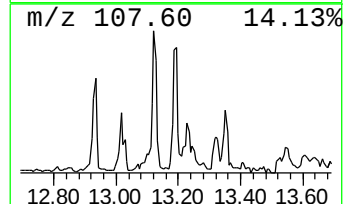
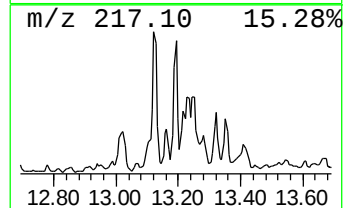
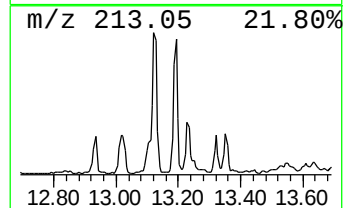
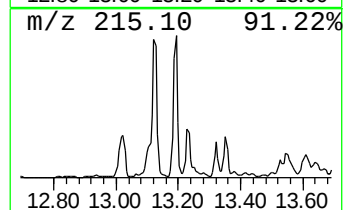
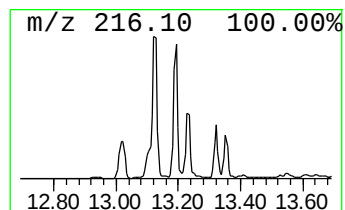
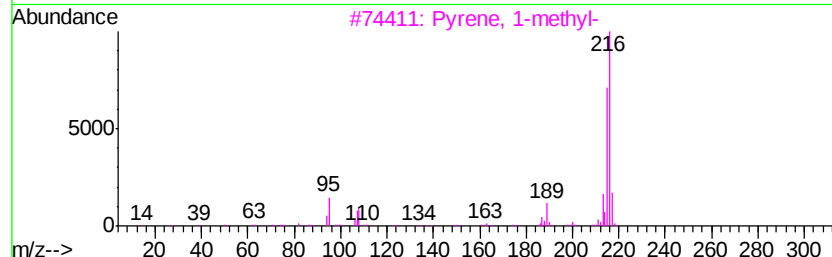
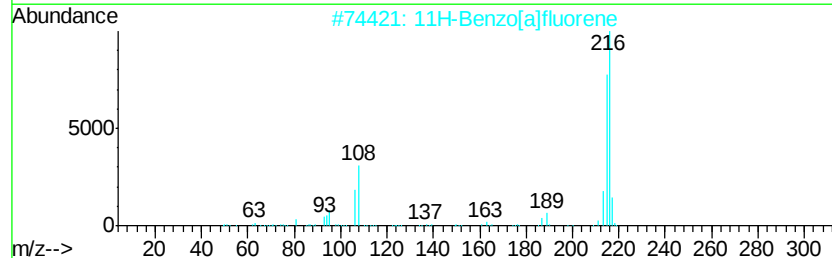
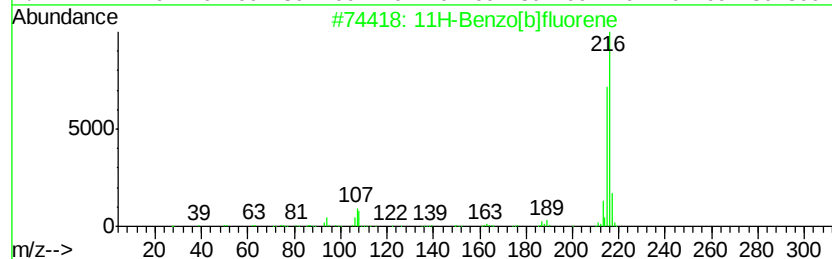
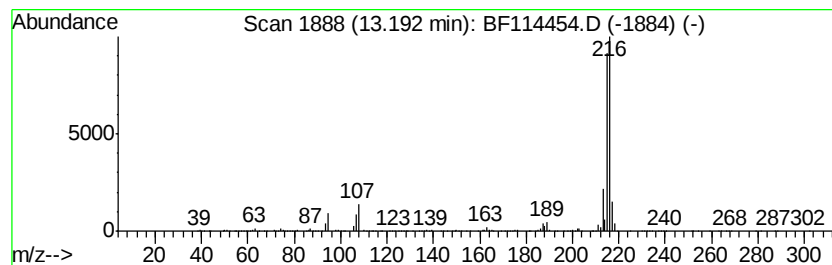
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	3.99 ng	972562	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5		trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114454.D
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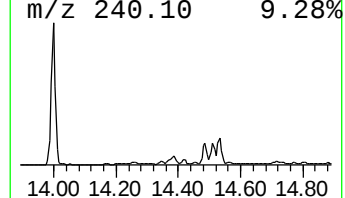
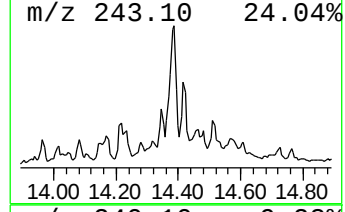
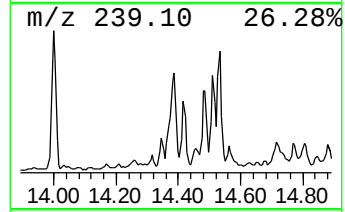
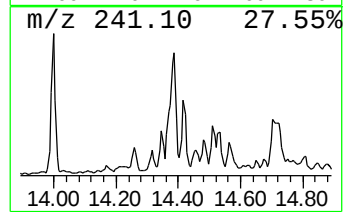
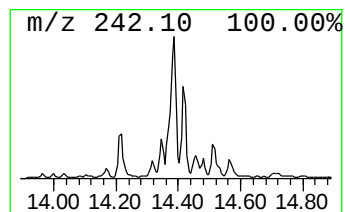
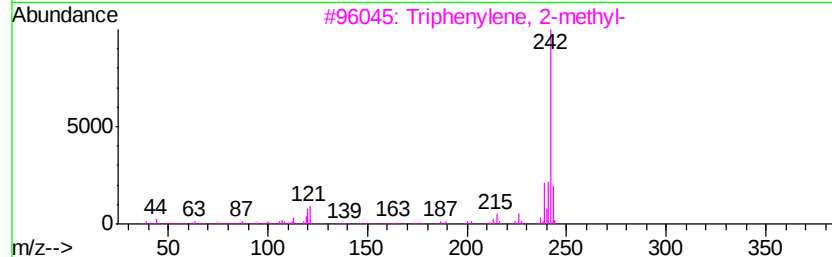
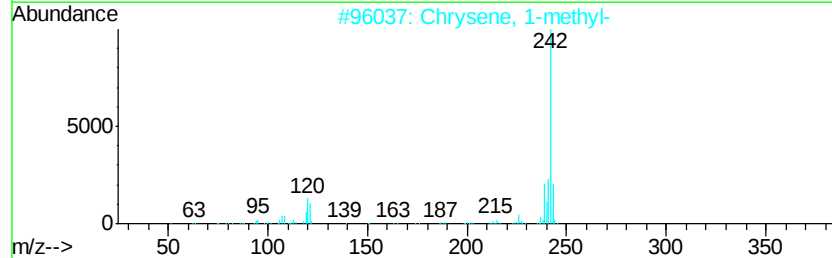
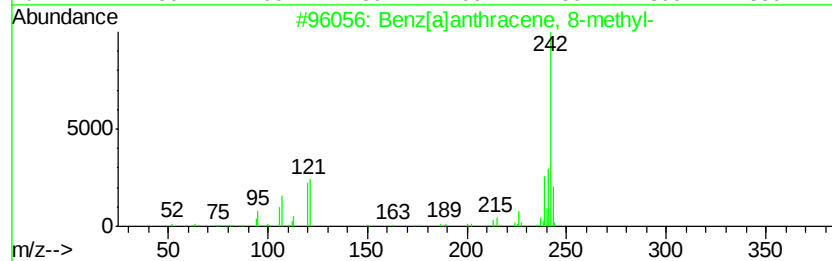
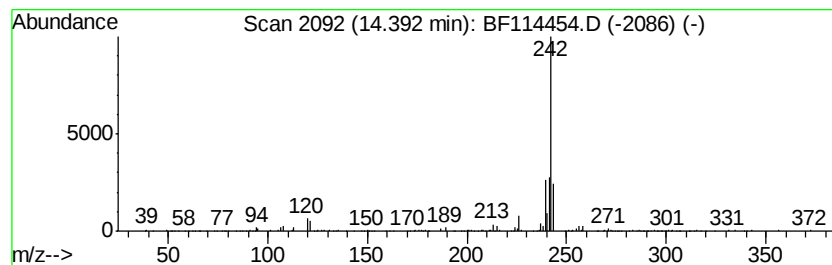
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Benz[a]anthracene, 8-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	4.28 ng	1043880	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	93
2		Chrysene, 1-methyl-	242	C19H14	003351-28-8	90
3		Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90
4		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
5		Chrysene, 6-methyl-	242	C19H14	001705-85-7	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114454.D
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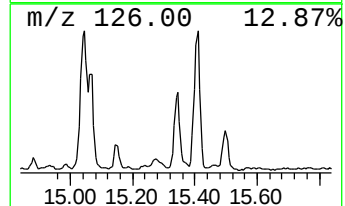
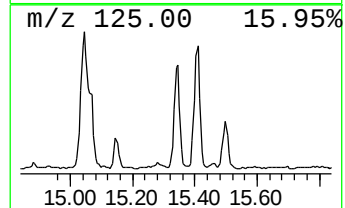
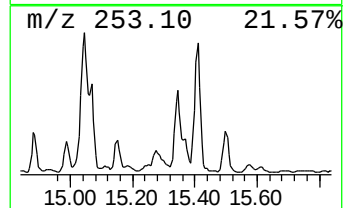
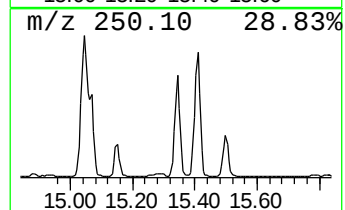
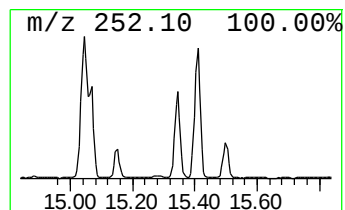
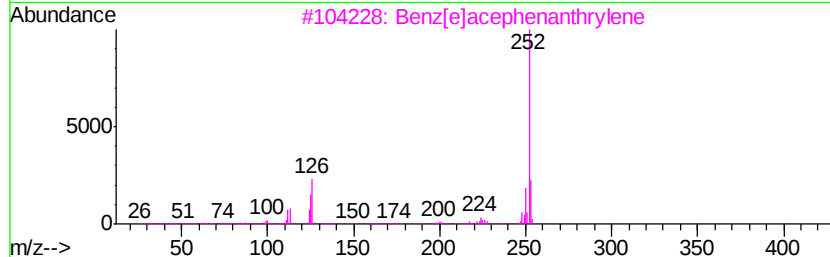
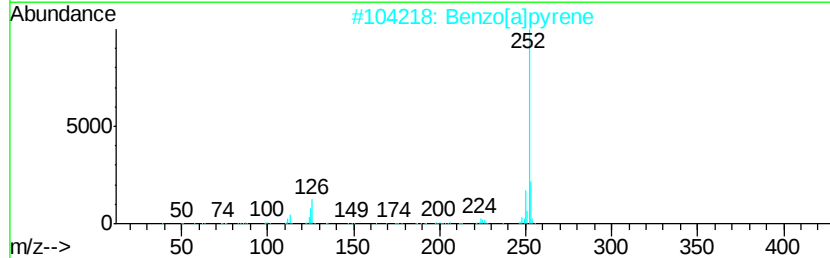
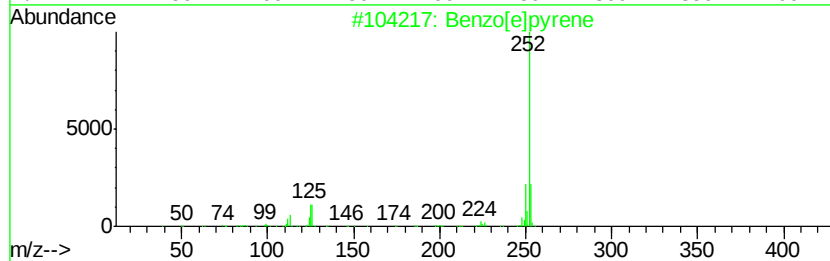
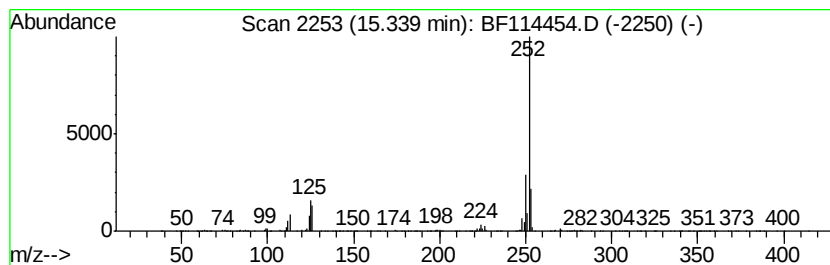
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	15.69 ng	1830600	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[a]pyrene	252	C20H12	000050-32-8	95
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	91



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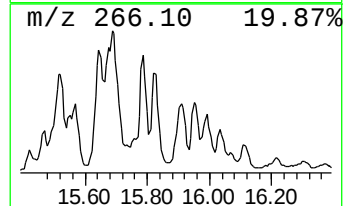
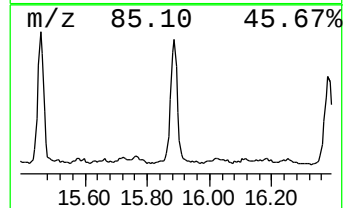
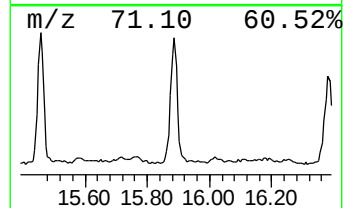
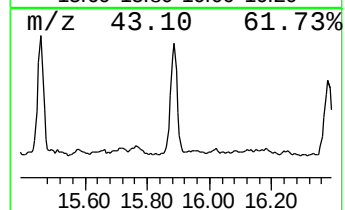
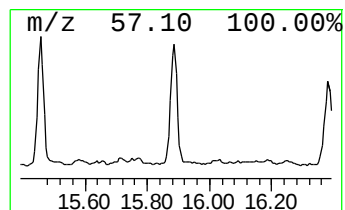
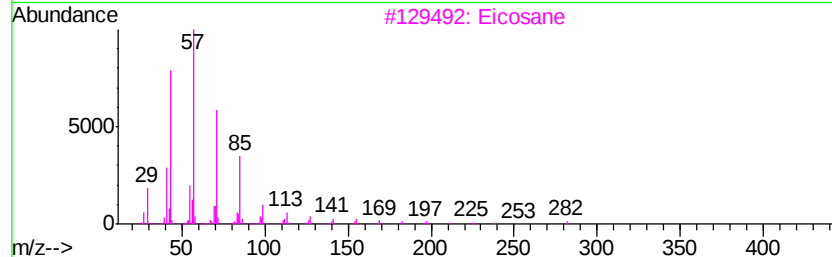
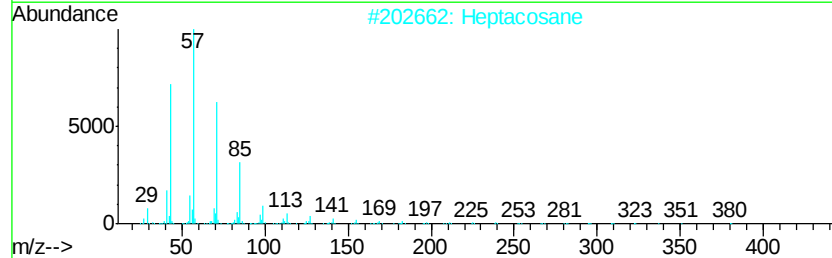
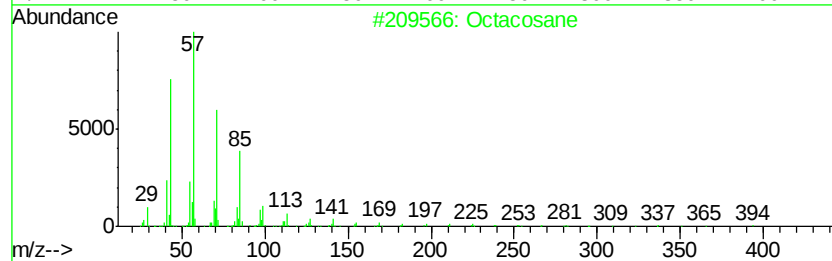
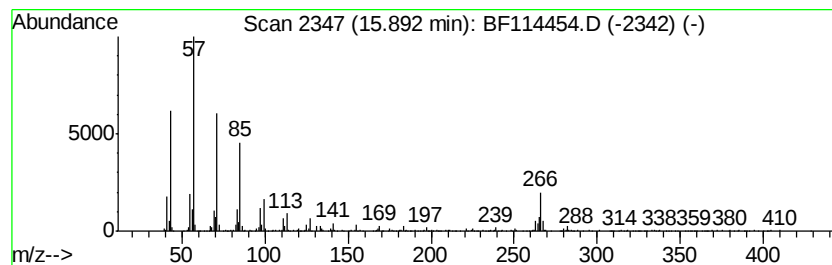
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	8.16 ng	951845	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	99
2		Heptacosane	380	C27H56	000593-49-7	98
3		Eicosane	282	C20H42	000112-95-8	96
4		Pentacosane	352	C25H52	000629-99-2	95
5		Tricosane	324	C23H48	000638-67-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
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Operator : JU/SJ
Sample : K2865-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-21-S

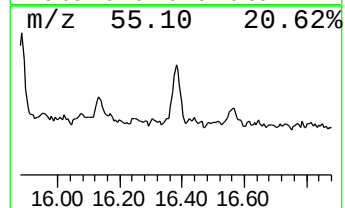
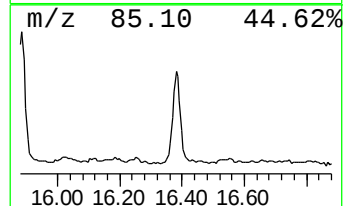
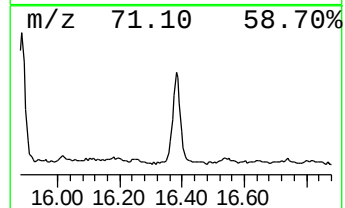
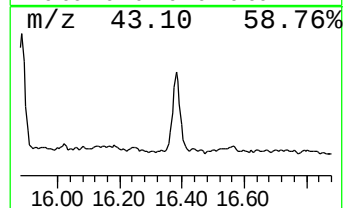
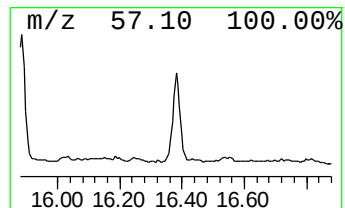
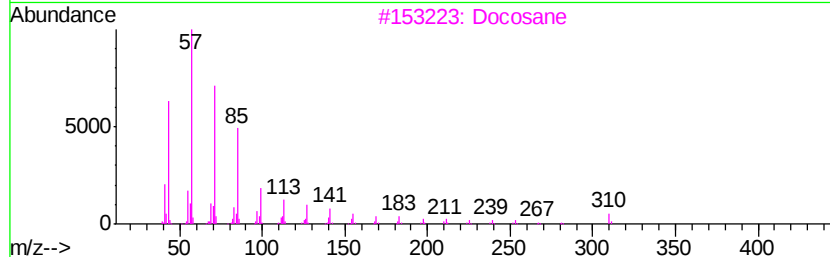
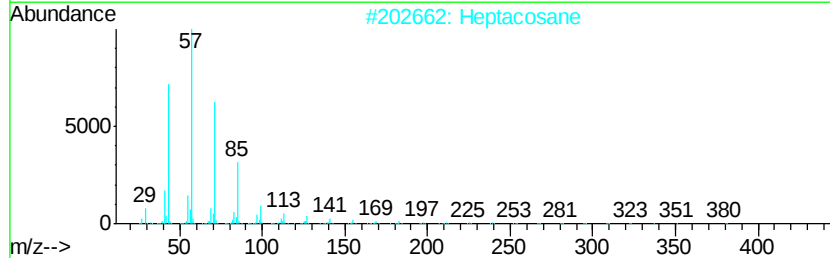
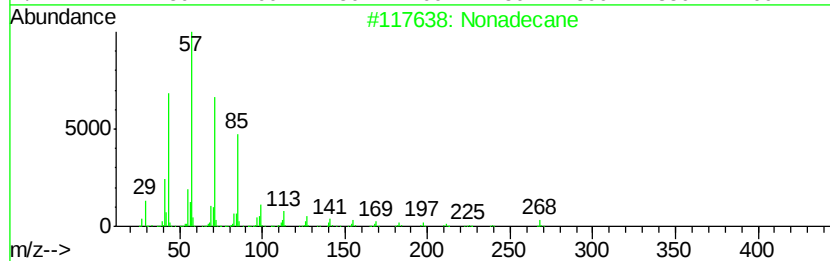
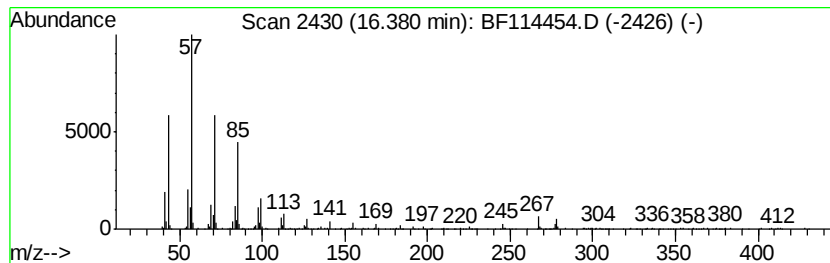
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	6.98 ng	814311	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Heptacosane	380	C27H56	000593-49-7	87
3		Docosane	310	C22H46	000629-97-0	83
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	83
5		Octacosane	394	C28H58	000630-02-4	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
 Data File : BF114454.D
 Acq On : 21 May 2019 14:32
 Operator : JU/SJ
 Sample : K2865-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-21-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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
unknown6.60	6.60	59.1	ng	4669450	1	6.83	1580590	20.0
Decane	6.66	5.9	ng	467422	1	6.83	1580590	20.0
Nonane, 3-methyl-	8.53	5.5	ng	515409	2	8.11	1888140	20.0
Tridecane	8.70	11.7	ng	1108080	2	8.11	1888140	20.0
Tetradecane	9.26	9.3	ng	1038360	3	9.86	2231090	20.0
Tridecane, 4,8-di...	9.79	5.8	ng	647278	3	9.86	2231090	20.0
Phenanthrene, 1-m...	11.85	5.5	ng	606847	4	11.35	2224800	20.0
Phenanthrene, 2-m...	11.88	13.7	ng	1518470	4	11.35	2224800	20.0
4H-Cyclopenta[def...	11.96	8.9	ng	989648	4	11.35	2224800	20.0
5,16[1',2']:8,13[...	12.15	4.2	ng	464210	4	11.35	2224800	20.0
Phenanthrene, 1,7...	12.40	4.8	ng	534710	4	11.35	2224800	20.0
11H-Benzo[a]fluorene	13.12	5.1	ng	1233320	5	14.00	4878440	20.0
11H-Benzo[b]fluorene	13.19	4.0	ng	972562	5	14.00	4878440	20.0
Benz[a]anthracene...	14.39	4.3	ng	1043880	5	14.00	4878440	20.0
Benzo[e]pyrene	15.34	15.7	ng	1830600	6	15.47	2333810	20.0
Octacosane	15.89	8.2	ng	951845	6	15.47	2333810	20.0
Nonadecane	16.38	7.0	ng	814311	6	15.47	2333810	20.0