

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
 Data File : BF113468.D
 Acq On : 1 Apr 2019 16:00
 Operator : JU/SJ
 Sample : K2174-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200030

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-BF032519.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	5.328	546	551	572	rBV	2878714	3193264	86.93%	6.350%
2	6.357	721	726	743	rBV	3171227	3336197	90.82%	6.634%
3	6.481	743	747	750	rBV	3560250	3260196	88.75%	6.483%
4	6.704	782	785	797	rVB	977039	818288	22.28%	1.627%
5	6.863	808	812	815	rBV	2954834	2550838	69.44%	5.072%
6	7.269	876	881	912	rBV	2034316	2150256	58.54%	4.276%
7	7.987	999	1003	1027	rBV	1093944	1068859	29.10%	2.125%
8	8.698	1121	1124	1131	rBV	37125	41396	1.13%	0.082%
9	8.798	1137	1141	1150	rVB	37221	38060	1.04%	0.076%
10	9.063	1181	1186	1189	rBV	3932093	3673413	100.00%	7.305%
11	9.163	1200	1203	1210	rVB	49671	62005	1.69%	0.123%
12	9.328	1226	1231	1240	rBV2	33193	51046	1.39%	0.102%
13	9.398	1240	1243	1246	rBV	57832	60437	1.65%	0.120%
14	9.457	1250	1253	1260	rVB	200645	195658	5.33%	0.389%
15	9.598	1274	1277	1282	rBV	55223	49933	1.36%	0.099%
16	9.733	1293	1300	1303	rBV	1244275	1210469	32.95%	2.407%
17	9.769	1303	1306	1316	rVB	406042	404580	11.01%	0.805%
18	9.939	1331	1335	1340	rBV	273692	275663	7.50%	0.548%
19	10.281	1390	1393	1399	rBV	511285	438494	11.94%	0.872%
20	10.345	1399	1404	1406	rBV	43206	61781	1.68%	0.123%
21	10.439	1417	1420	1425	rVB	90435	82005	2.23%	0.163%
22	10.522	1430	1434	1446	rBV	2282278	2393093	65.15%	4.759%
23	10.651	1451	1456	1463	rVB3	101268	130211	3.54%	0.259%
24	10.828	1479	1486	1489	rBV2	76468	100884	2.75%	0.201%
25	10.957	1502	1508	1510	rBV3	29249	40540	1.10%	0.081%
26	11.022	1516	1519	1523	rVB	76715	75340	2.05%	0.150%
27	11.069	1523	1527	1529	rVV2	38172	48498	1.32%	0.096%
28	11.110	1532	1534	1541	rVB	156364	144873	3.94%	0.288%
29	11.216	1548	1552	1554	rBV	1263047	1246963	33.95%	2.480%
30	11.239	1554	1556	1560	rVV	2200100	1785752	48.61%	3.551%
31	11.292	1560	1565	1568	rVV	245355	276956	7.54%	0.551%
32	11.333	1568	1572	1575	rVB2	45138	51073	1.39%	0.102%
33	11.445	1587	1591	1595	rBV	137610	165448	4.50%	0.329%
34	11.510	1599	1602	1606	rVV2	61785	72120	1.96%	0.143%

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 Integrator: RTE
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35	11.545	1606	1608	1614	rVV4	34995	51850	1.41%	0.103%
36	11.627	1616	1622	1627	rVB3	32395	57791	1.57%	0.115%
37	11.716	1633	1637	1639	rBV	198156	175393	4.77%	0.349%
38	11.751	1639	1643	1648	rVV2	604051	756899	20.60%	1.505%
39	11.786	1648	1649	1652	rVV	95528	101311	2.76%	0.201%
40	11.827	1652	1656	1658	rVV	381385	427112	11.63%	0.849%
41	11.845	1658	1659	1665	rVB	117692	111981	3.05%	0.223%
42	12.010	1684	1687	1690	rBV	116275	100169	2.73%	0.199%
43	12.039	1690	1692	1697	rVB	88570	80456	2.19%	0.160%
44	12.157	1707	1712	1715	rBV3	50535	59699	1.63%	0.119%
45	12.263	1726	1730	1733	rBV	86208	88040	2.40%	0.175%
46	12.304	1733	1737	1742	rVB3	68130	102698	2.80%	0.204%
47	12.351	1742	1745	1749	rVB	81693	86902	2.37%	0.173%
48	12.422	1753	1757	1761	rBV	1756535	1627209	44.30%	3.236%
49	12.533	1772	1776	1781	rBV	839496	924287	25.16%	1.838%
50	12.651	1790	1796	1799	rBV	1419262	1484676	40.42%	2.952%
51	12.698	1802	1804	1810	rVB2	83447	98112	2.67%	0.195%
52	12.792	1813	1820	1824	rBV	3277271	3467998	94.41%	6.896%
53	12.869	1829	1833	1837	rBV3	76814	123567	3.36%	0.246%
54	12.957	1845	1848	1849	rBV2	86753	90141	2.45%	0.179%
55	12.980	1849	1852	1855	rVB	191789	194980	5.31%	0.388%
56	13.045	1858	1863	1866	rVV	178020	194907	5.31%	0.388%
57	13.080	1866	1869	1876	rVB2	132116	191671	5.22%	0.381%
58	13.174	1882	1885	1887	rBV	75129	71181	1.94%	0.142%
59	13.204	1887	1890	1894	rVB2	67590	69252	1.89%	0.138%
60	13.369	1913	1918	1921	rBV5	42670	67256	1.83%	0.134%
61	13.398	1921	1923	1930	rVB5	30857	49838	1.36%	0.099%
62	13.486	1936	1938	1946	rVB	73061	75013	2.04%	0.149%
63	13.551	1946	1949	1952	rBV2	54495	48593	1.32%	0.097%
64	13.592	1952	1956	1959	rBV	98746	120400	3.28%	0.239%
65	13.621	1959	1961	1963	rVV	92290	79235	2.16%	0.158%
66	13.645	1963	1965	1971	rVV3	91699	118521	3.23%	0.236%
67	13.698	1971	1974	1976	rVV	110638	110565	3.01%	0.220%
68	13.727	1976	1979	1991	rVB4	166873	445231	12.12%	0.885%
69	13.845	1991	1999	2001	rBV2	1218044	1623811	44.20%	3.229%
70	13.868	2001	2003	2011	rVB	525131	514679	14.01%	1.023%
71	13.945	2011	2016	2019	rBV2	89087	109735	2.99%	0.218%

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72	14.010	2022	2027	2030	rBV2	114637	126638	3.45%	0.252%
73	14.192	2055	2058	2060	rBV2	39946	41931	1.14%	0.083%
74	14.227	2060	2064	2067	rVV	94616	120533	3.28%	0.240%
75	14.263	2067	2070	2074	rVV3	43846	46238	1.26%	0.092%
76	14.316	2075	2079	2083	rVB2	197456	197498	5.38%	0.393%
77	14.357	2083	2086	2087	rBV3	74432	84658	2.30%	0.168%
78	14.374	2087	2089	2093	rVB2	85855	90097	2.45%	0.179%
79	14.610	2125	2129	2133	rVB	223893	218717	5.95%	0.435%
80	14.674	2138	2140	2143	rBV	37593	37605	1.02%	0.075%
81	14.739	2148	2151	2160	rVB4	90260	118852	3.24%	0.236%
82	14.857	2166	2171	2178	rBV	467419	858878	23.38%	1.708%
83	14.921	2178	2182	2185	rVB	397083	383979	10.45%	0.764%
84	14.957	2185	2188	2191	rVB	59043	58857	1.60%	0.117%
85	14.998	2191	2195	2198	rBV6	53872	89499	2.44%	0.178%
86	15.133	2214	2218	2224	rVB	280744	330796	9.01%	0.658%
87	15.192	2224	2228	2233	rVV	325242	397771	10.83%	0.791%
88	15.251	2233	2238	2250	rVB2	927083	1553353	42.29%	3.089%
89	15.451	2269	2272	2279	rVB3	101502	145877	3.97%	0.290%
90	15.668	2303	2309	2314	rBV	359956	508406	13.84%	1.011%
91	15.774	2324	2327	2331	rBV5	36604	55600	1.51%	0.111%
92	16.127	2382	2387	2395	rVB2	132247	231454	6.30%	0.460%
93	16.386	2427	2431	2436	rBV	75643	128975	3.51%	0.256%
94	16.610	2464	2469	2474	rBV	140673	272922	7.43%	0.543%
95	16.662	2474	2478	2485	rVB3	87961	178209	4.85%	0.354%
96	17.021	2534	2539	2553	rVB	102523	236821	6.45%	0.471%
97	17.680	2647	2651	2659	rVB3	54871	118305	3.22%	0.235%

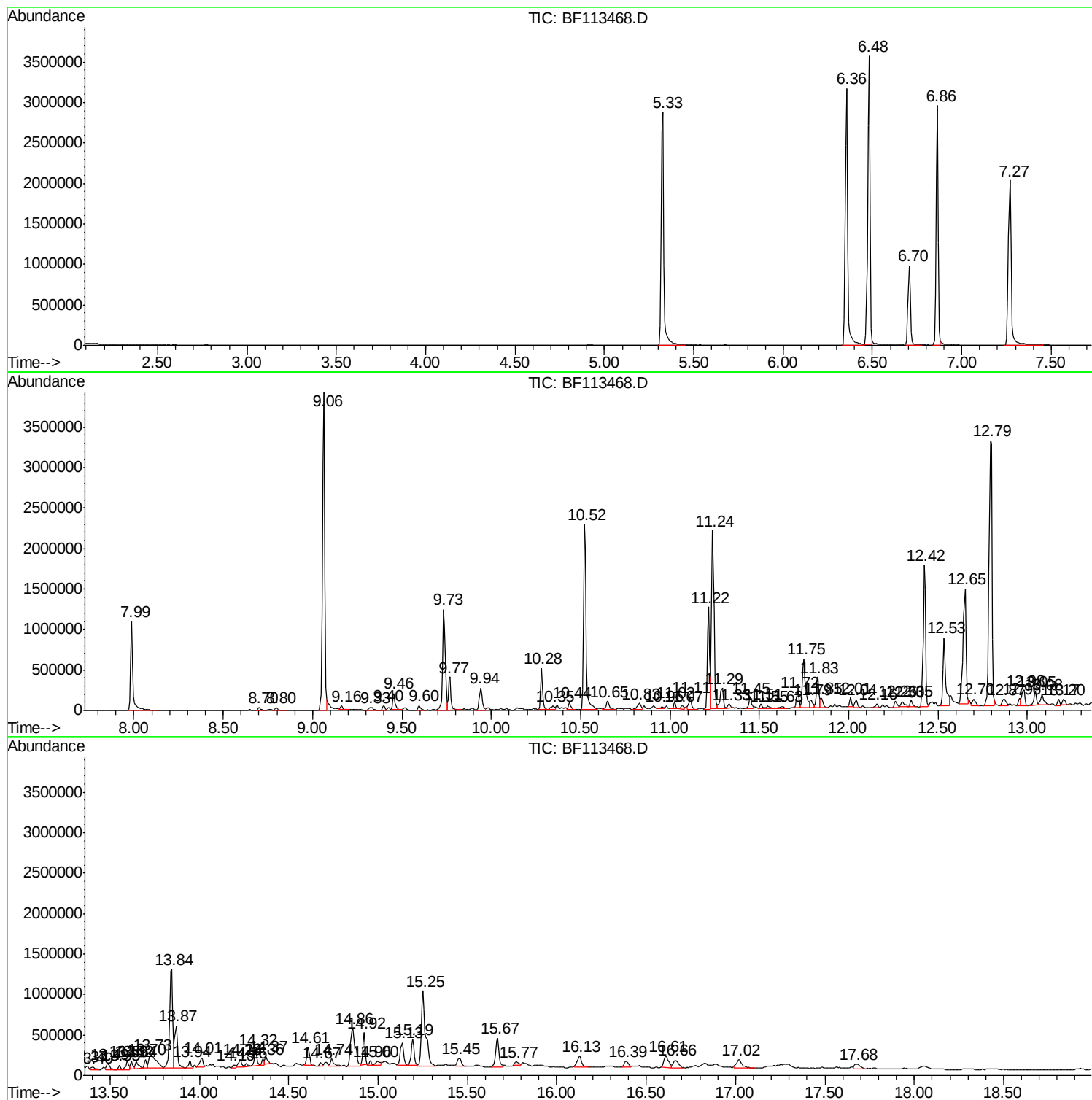
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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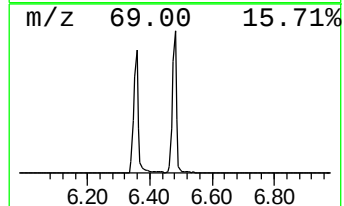
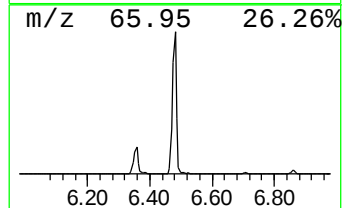
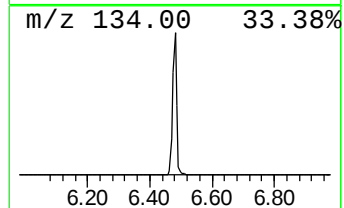
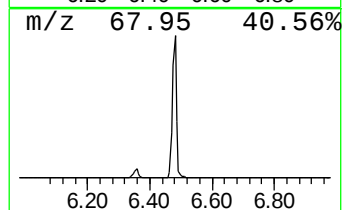
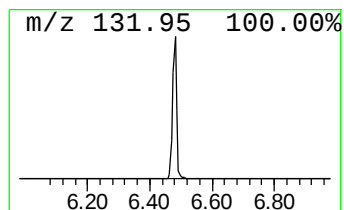
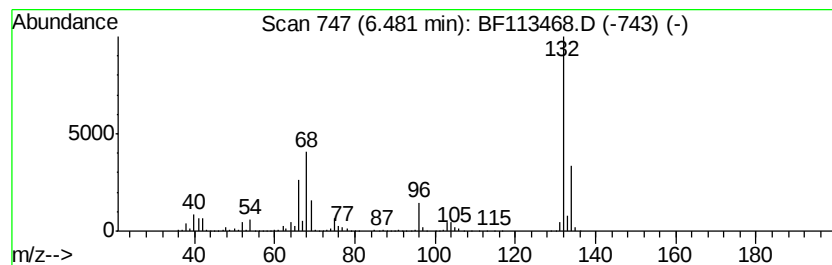
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	79.68 ng	3260200	1,4-Dichlorobenzene-d4	6.70

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		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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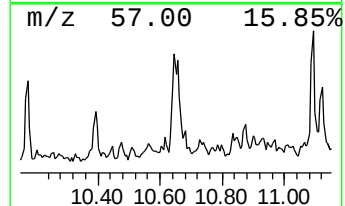
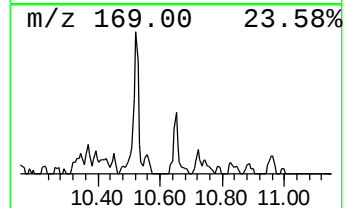
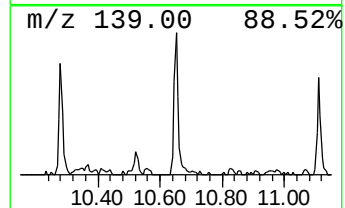
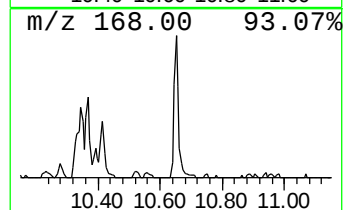
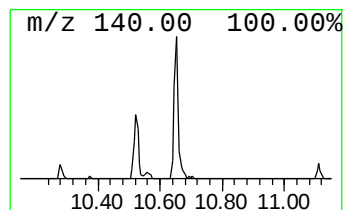
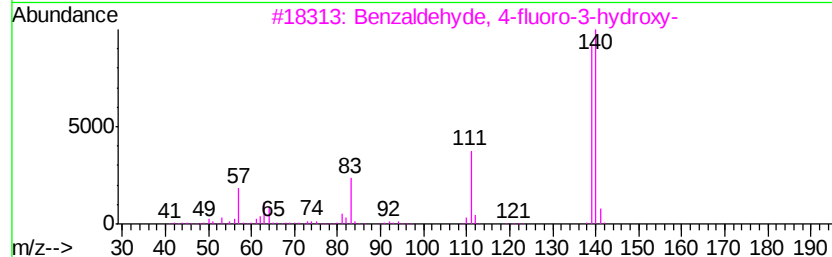
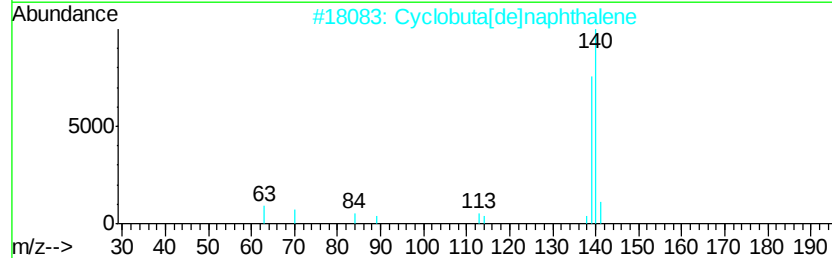
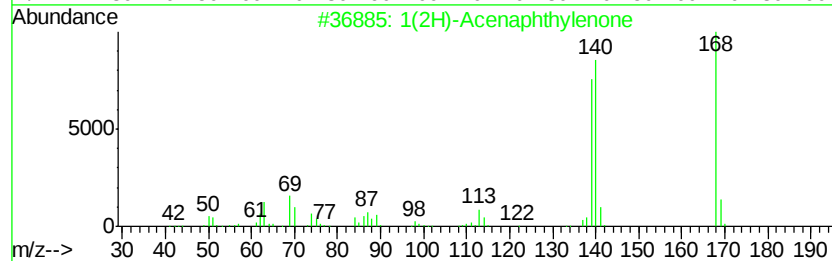
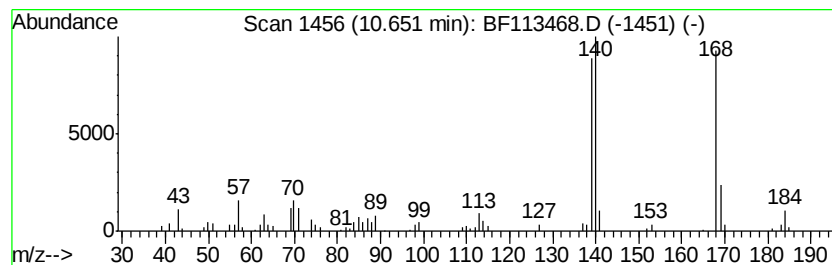
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1(2H)-Acenaphthylenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.65	2.09 ng	130211	Phenanthrene-d10	11.22		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	95
2		Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	49
3		Benzaldehyde, 4-fluoro-3-hydroxy-	140	C7H5FO2	103438-85-3	46
4		2,5-Thiophenedicarboxaldehyde	140	C6H4O2S	000932-95-6	43
5		Benzaldehyde, 2-fluoro-3-hydroxy-	140	C7H5FO2	103438-86-4	43



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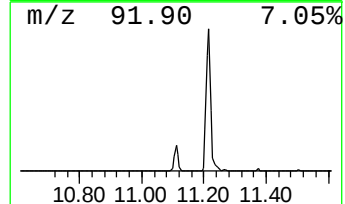
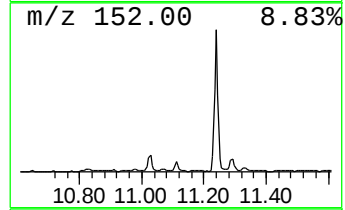
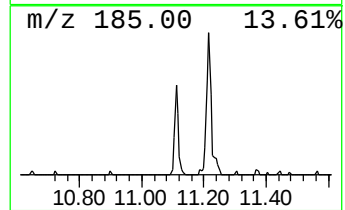
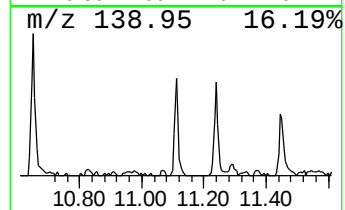
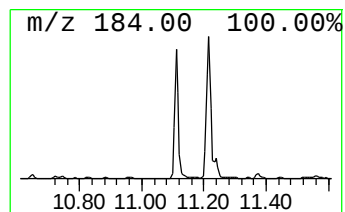
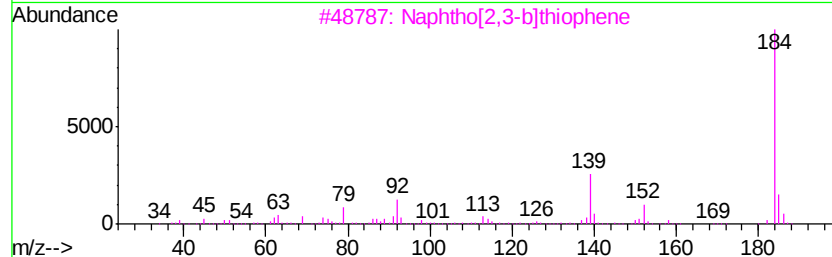
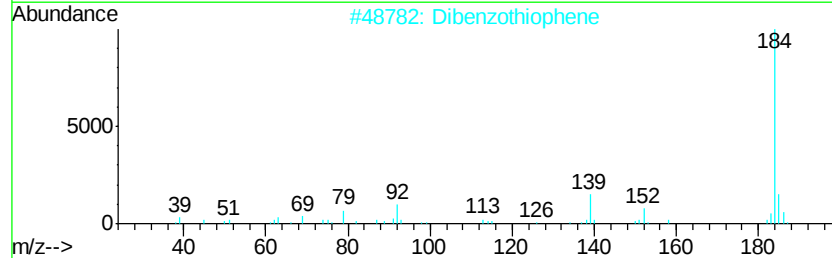
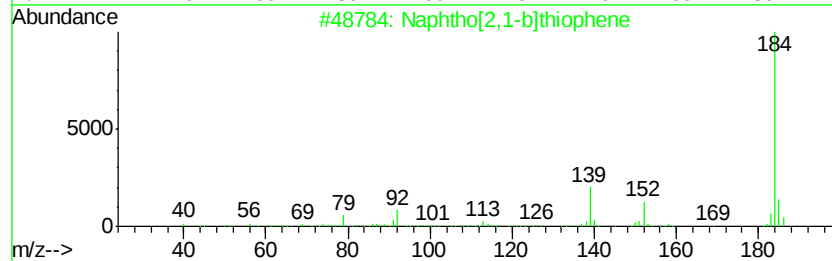
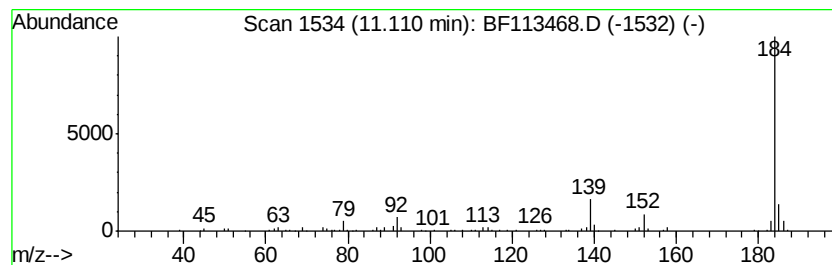
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphtho[2,1-b]thiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.		
11.11	2.32 ng	144873	Phenanthrene-d10		11.22		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
2			Dibenzothiophene	184	C12H8S	000132-65-0	96
3			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



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Misc :
ALS Vial : 11 Sample Multiplier: 1

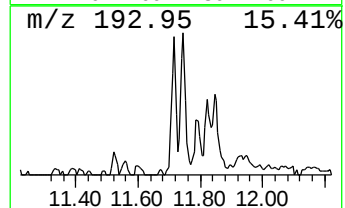
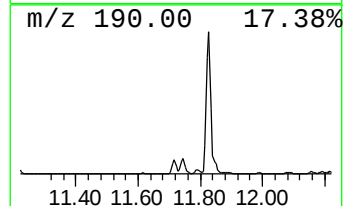
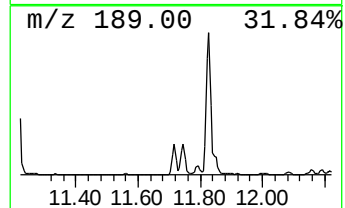
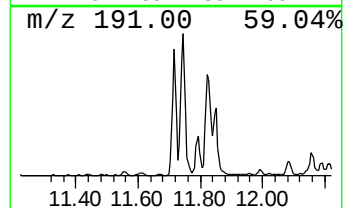
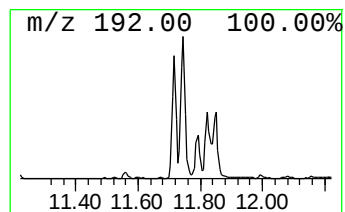
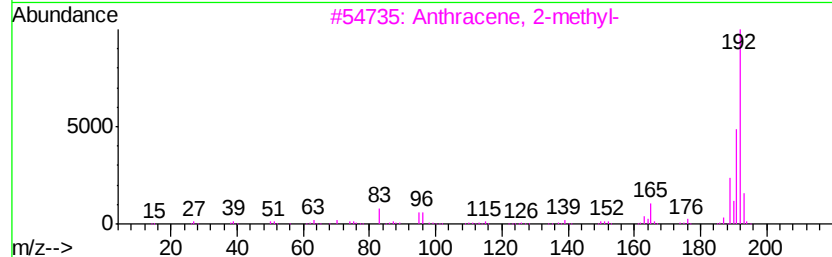
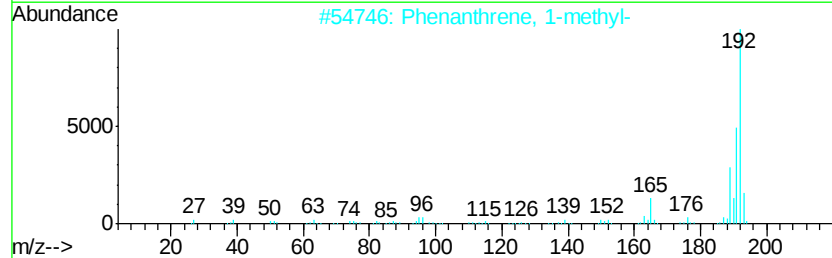
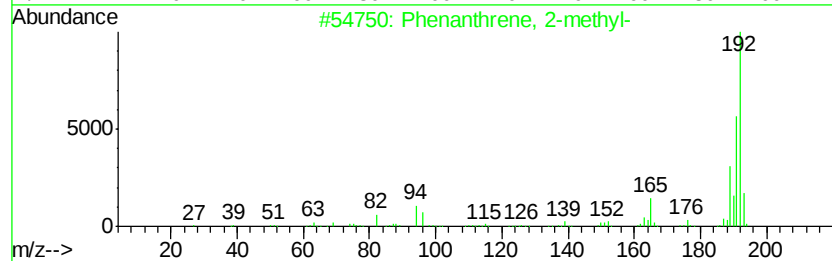
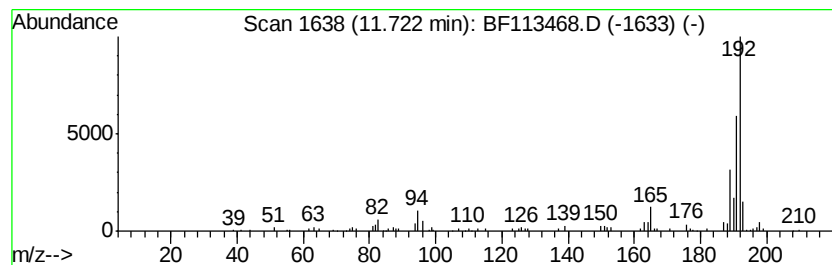
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.72	2.81 ng	175393	Phenanthrene-d10	11.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113468.D
Acq On : 1 Apr 2019 16:00
Operator : JU/SJ
Sample : K2174-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR200030

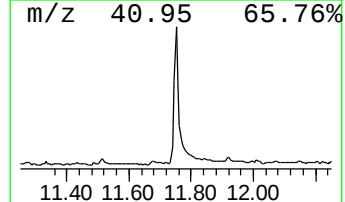
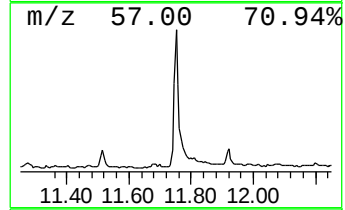
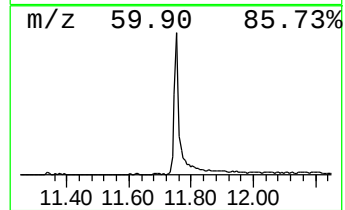
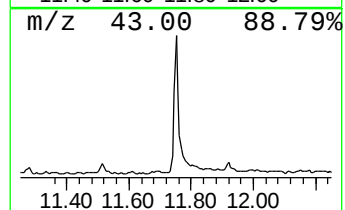
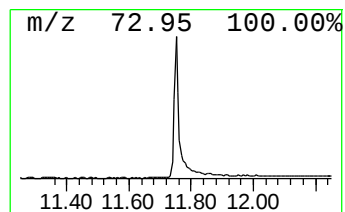
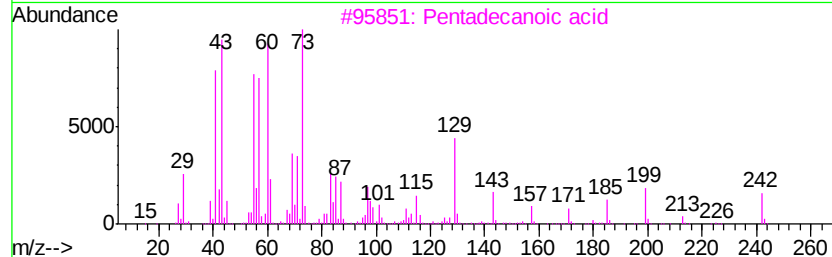
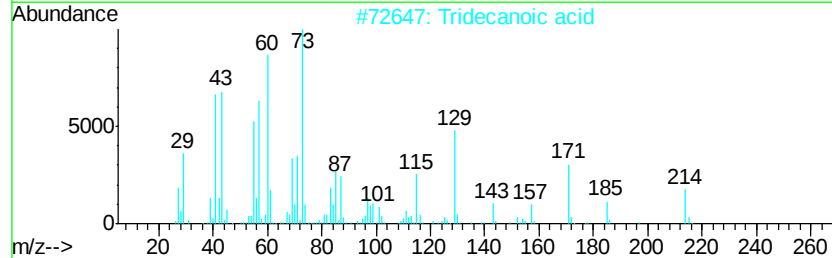
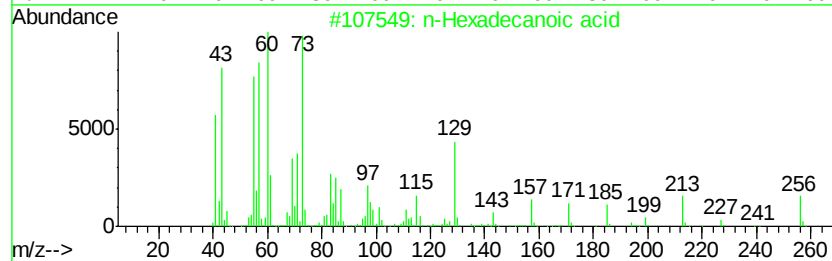
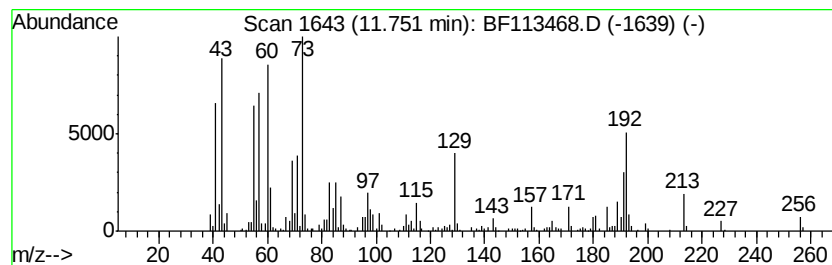
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	12.14 ng	756899	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		n-Decanoic acid	172	C10H20O2	000334-48-5	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113468.D
Acq On : 1 Apr 2019 16:00
Operator : JU/SJ
Sample : K2174-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

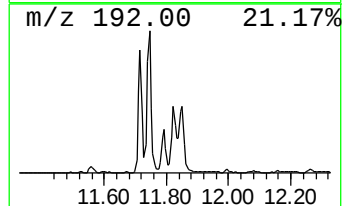
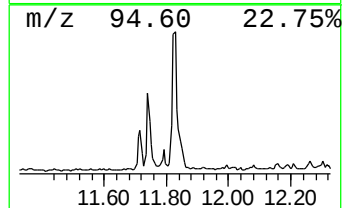
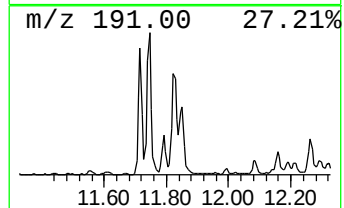
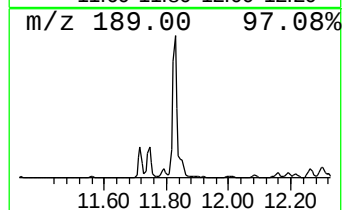
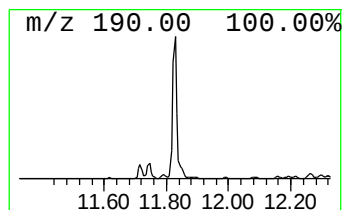
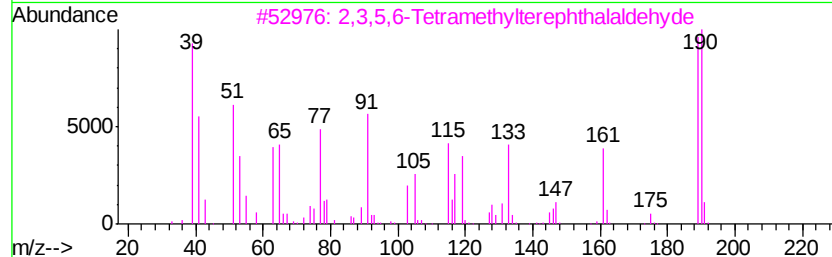
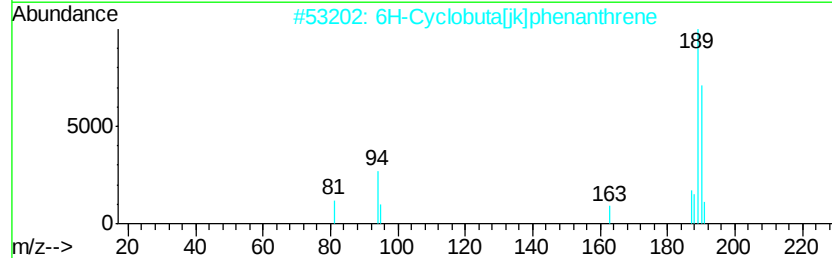
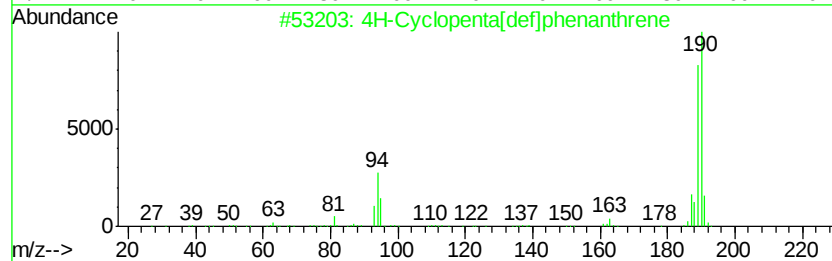
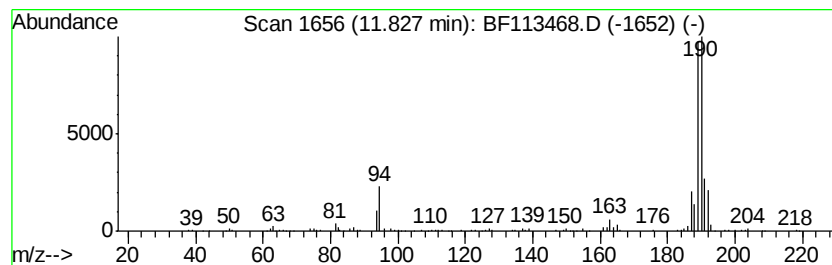
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.83	6.85 ng	427112	Phenanthrene-d10	11.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113468.D
Acq On : 1 Apr 2019 16:00
Operator : JU/SJ
Sample : K2174-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

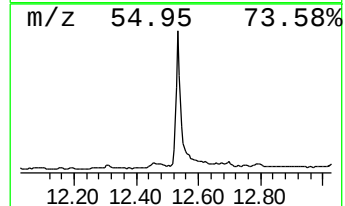
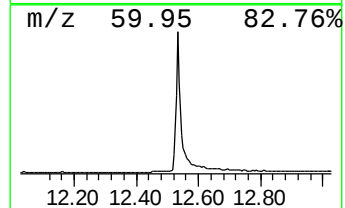
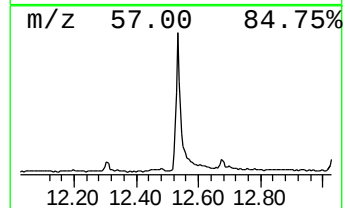
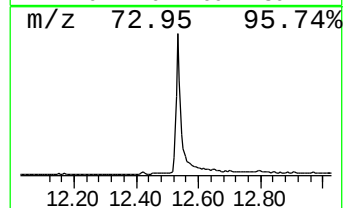
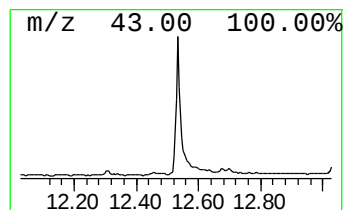
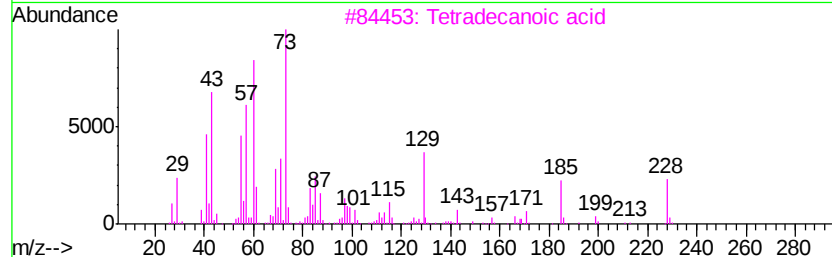
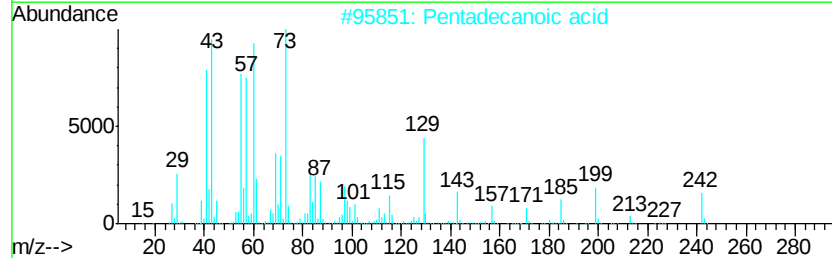
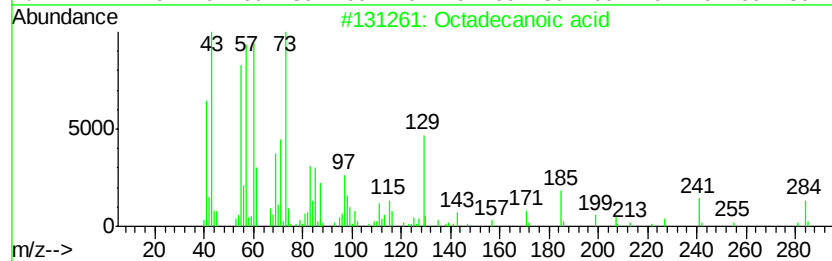
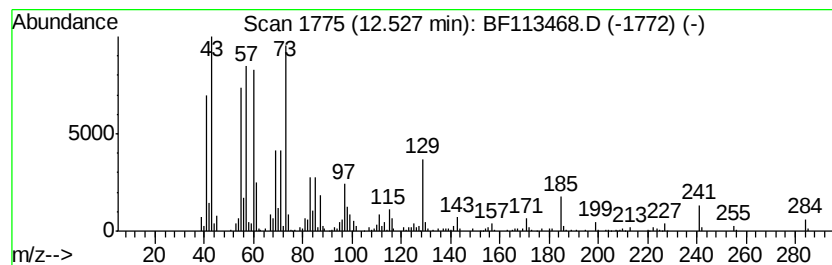
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.53	11.38 ng	924287	Chrysene-d12		13.85	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5		n-Decanoic acid	172	C10H20O2	000334-48-5	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113468.D
Acq On : 1 Apr 2019 16:00
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Misc :
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Instrument :
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ClientSampleId :
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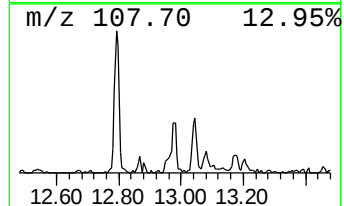
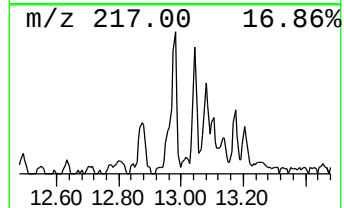
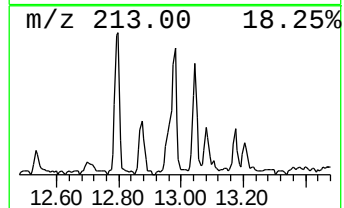
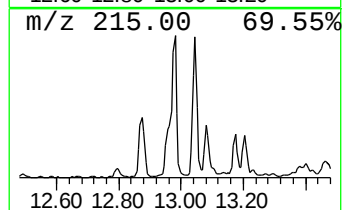
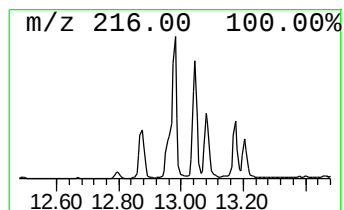
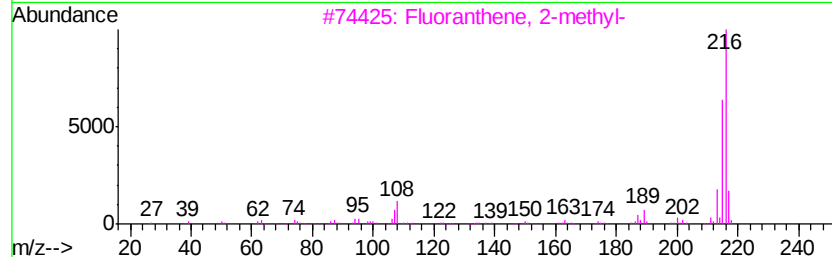
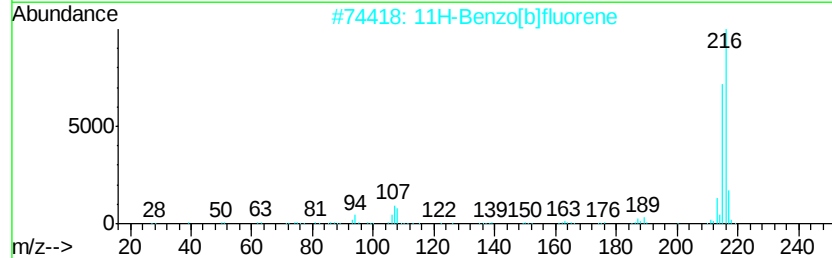
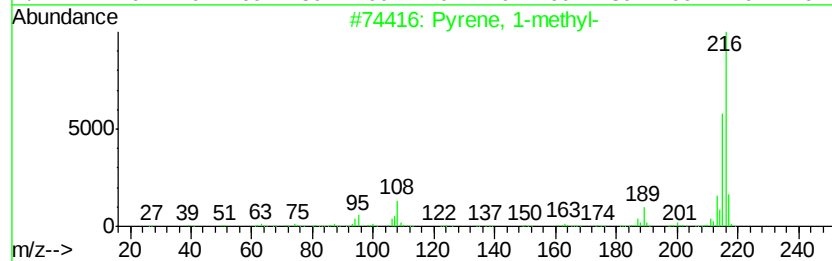
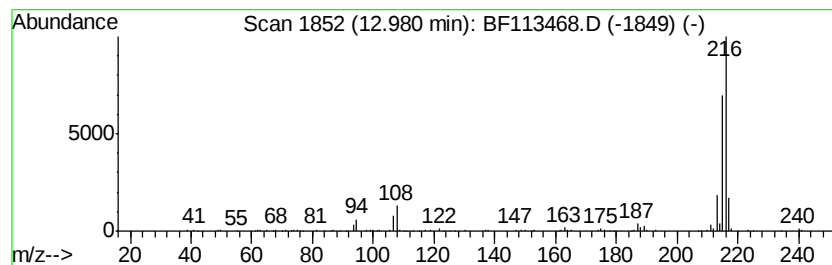
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	2.40 ng	194980	Chrysene-d12	13.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113468.D
Acq On : 1 Apr 2019 16:00
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Sample : K2174-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

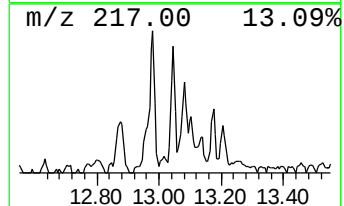
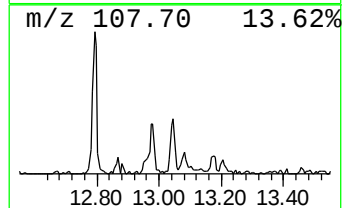
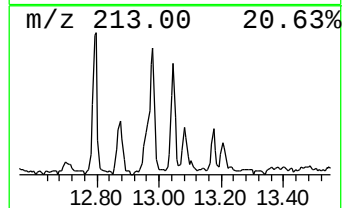
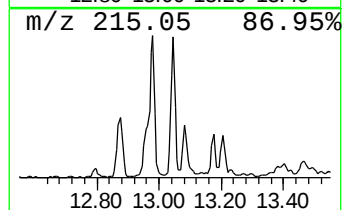
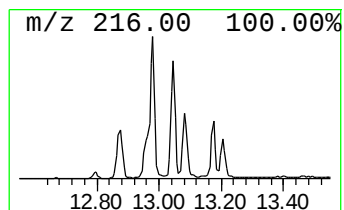
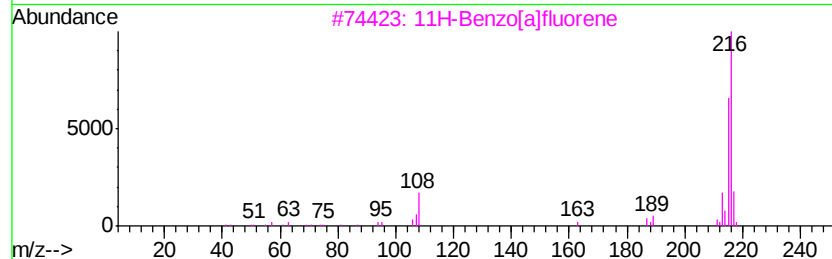
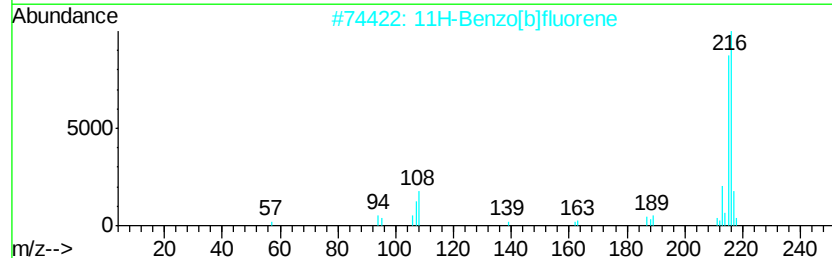
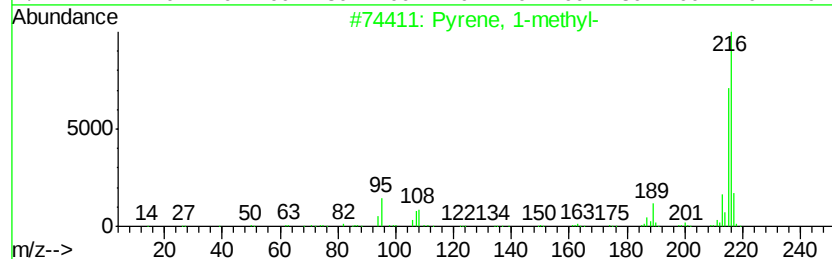
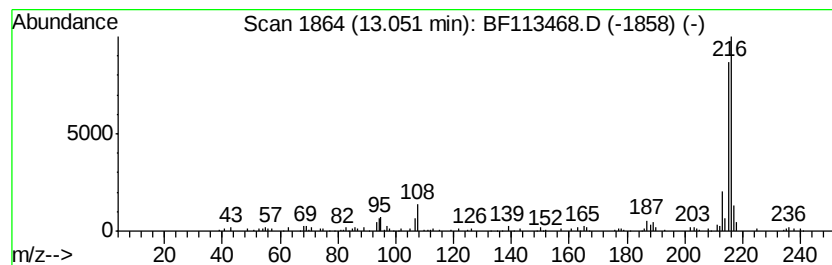
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.05	2.40 ng	194907	Chrysene-d12	13.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113468.D
Acq On : 1 Apr 2019 16:00
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Sample : K2174-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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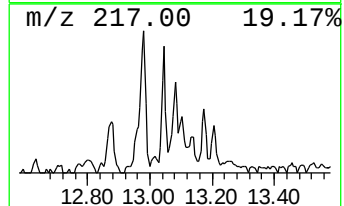
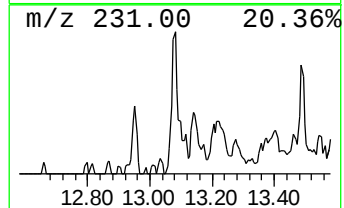
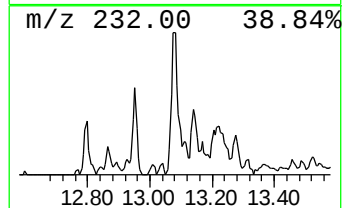
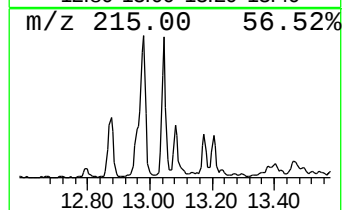
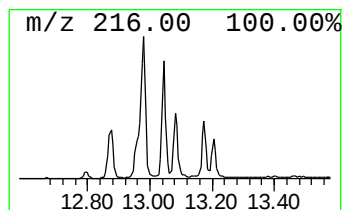
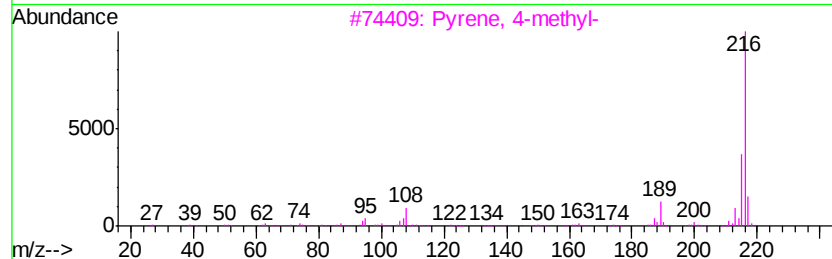
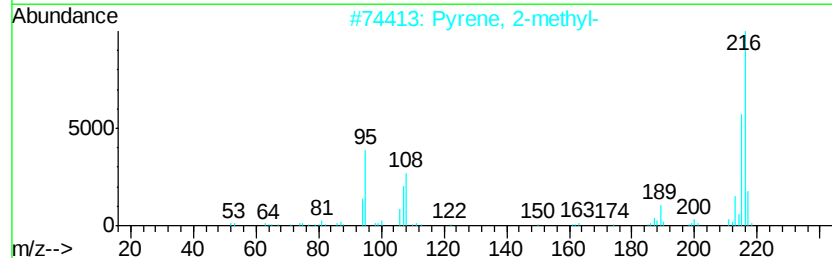
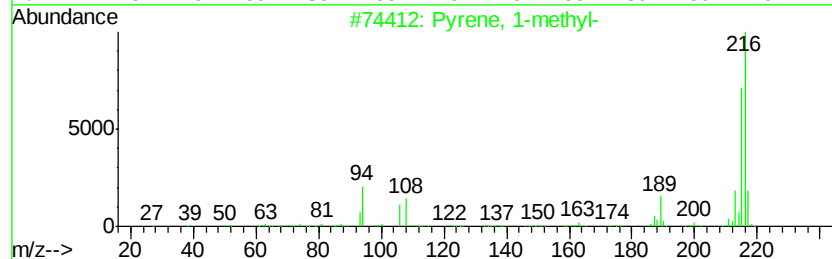
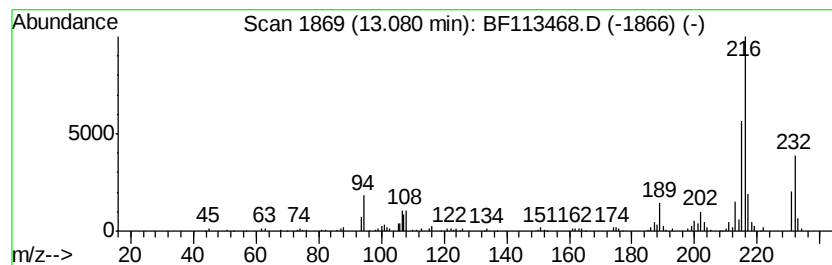
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pyrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	2.36 ng	191671	Chrysene-d12	13.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
3		Pyrene, 4-methyl-	216	C17H12	003353-12-6	86
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60



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Sample : K2174-01
Misc :
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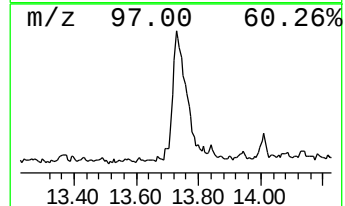
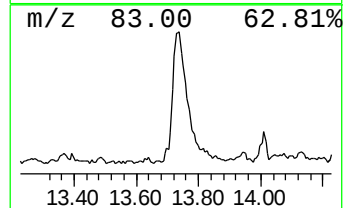
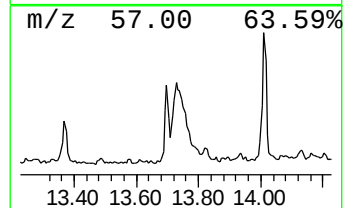
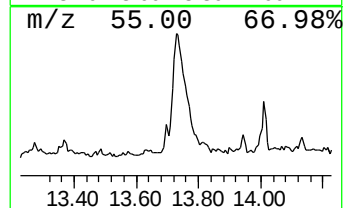
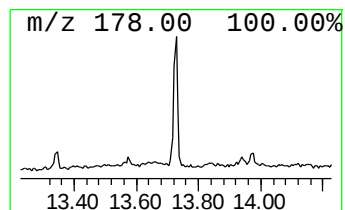
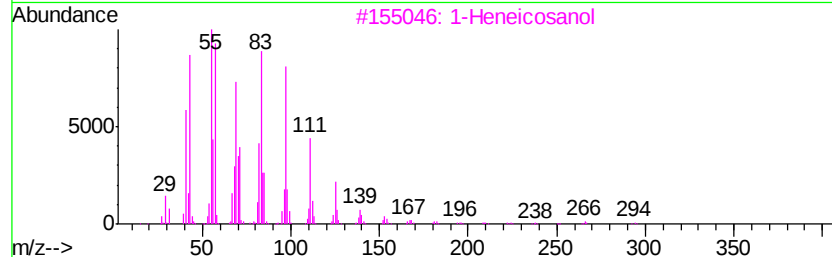
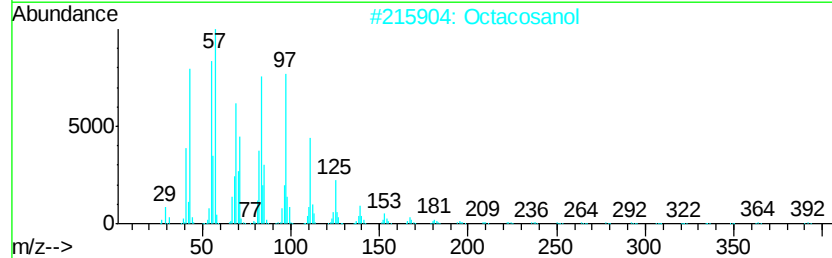
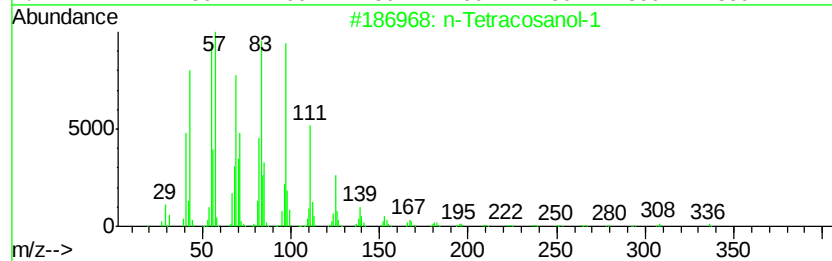
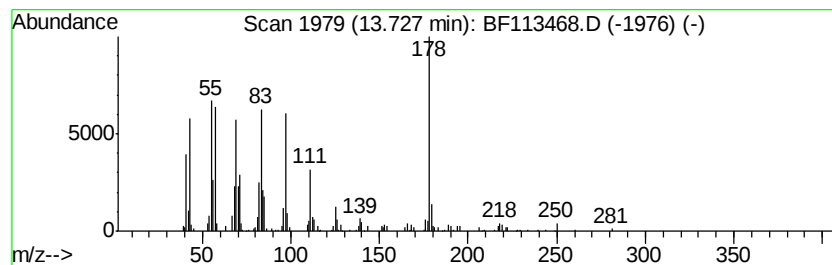
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Tetracosanol-1 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	5.48 ng	445231	Chrysene-d12	13.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Tetracosanol-1	354	C24H50O	000506-51-4	70
2		Octacosanol	410	C28H58O	000557-61-9	55
3		1-Heneicosanol	312	C21H44O	015594-90-8	55
4		1-Heptacosanol	396	C27H56O	002004-39-9	55
5		Heptacosyl acetate	438	C29H58O2	1000351-78-2	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
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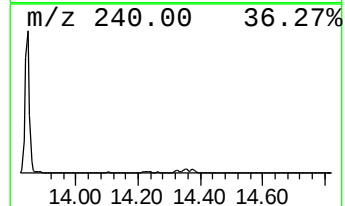
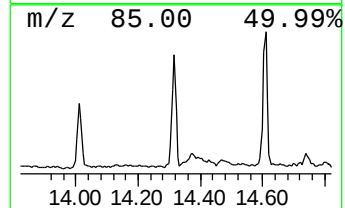
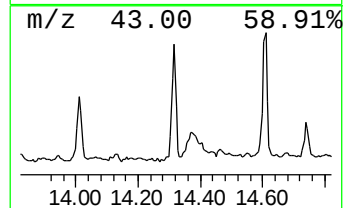
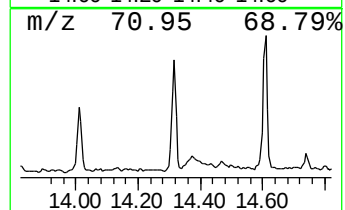
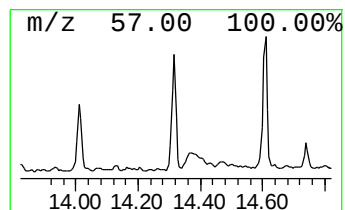
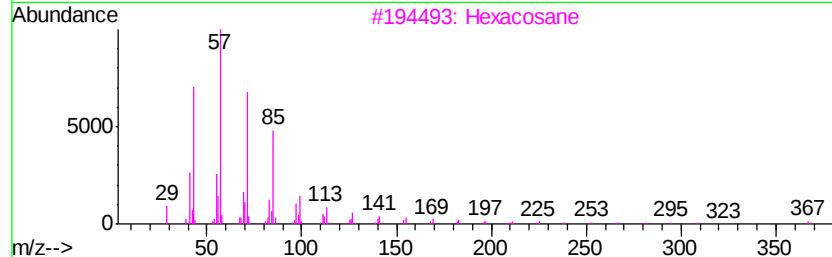
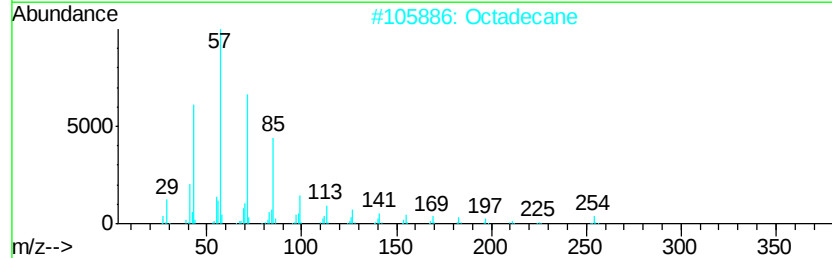
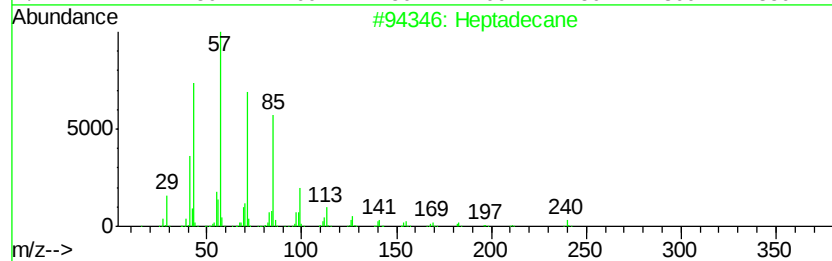
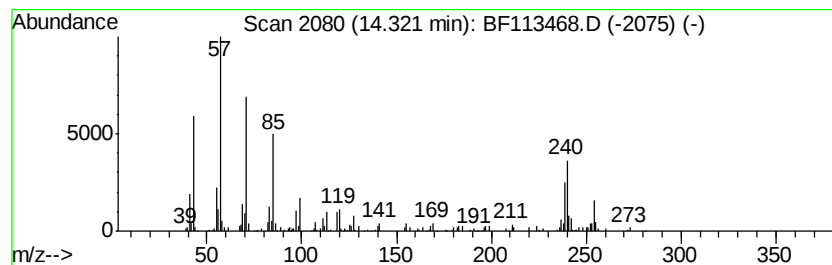
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	2.43 ng	197498	Chrysene-d12	13.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	90
2		Octadecane	254	C18H38	000593-45-3	87
3		Hexacosane	366	C26H54	000630-01-3	76
4		Tetracosane	338	C24H50	000646-31-1	76
5		Tridecane, 7-propyl-	226	C16H34	055045-09-5	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113468.D
Acq On : 1 Apr 2019 16:00
Operator : JU/SJ
Sample : K2174-01
Misc :
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ClientSampleId :
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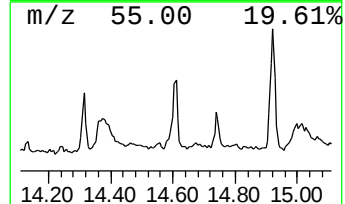
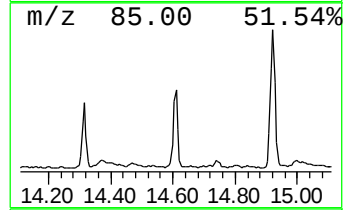
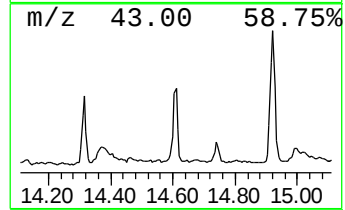
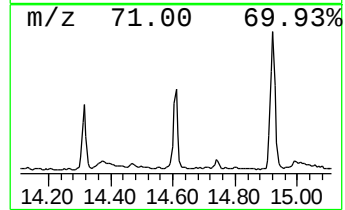
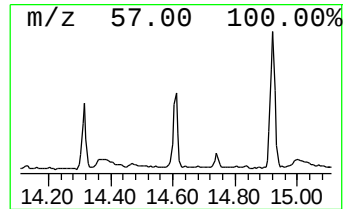
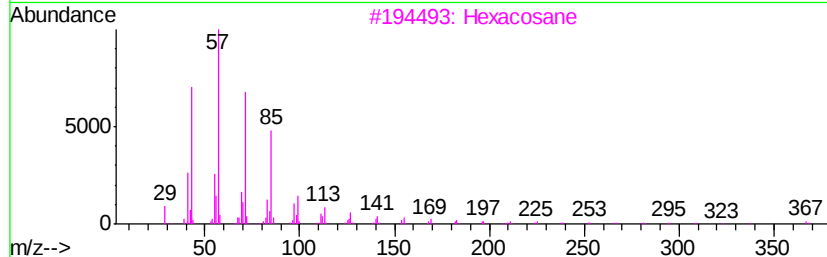
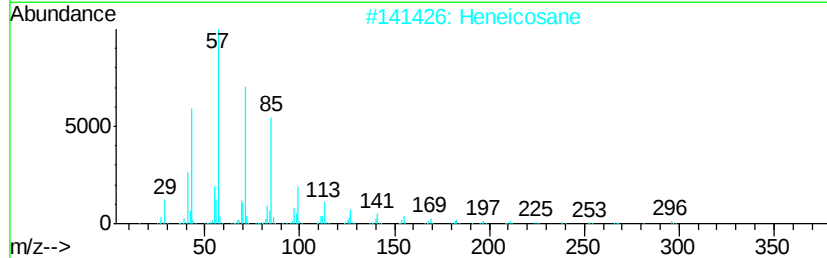
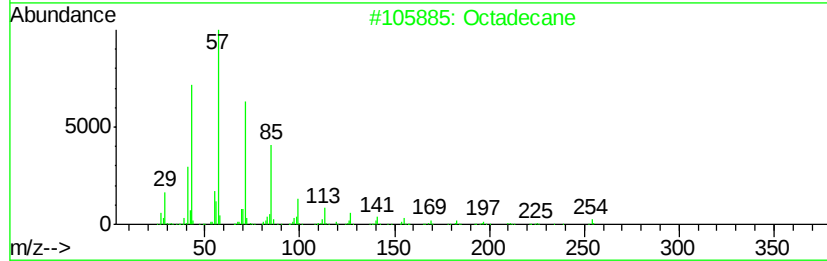
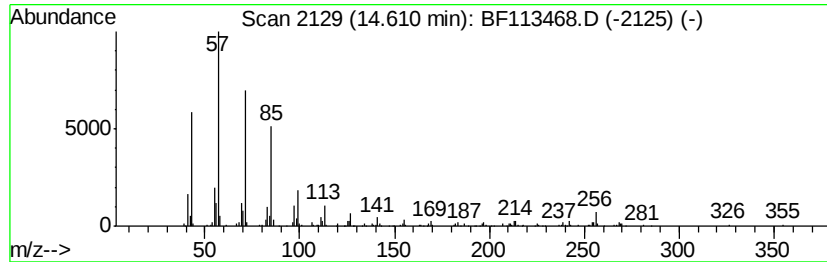
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	2.82 ng	218717	Perylene-d12	15.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	92
2			Heneicosane	296	C21H44	000629-94-7	90
3			Hexacosane	366	C26H54	000630-01-3	90
4			Nonadecane	268	C19H40	000629-92-5	87
5			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113468.D
Acq On : 1 Apr 2019 16:00
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Sample : K2174-01
Misc :
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ClientSampleId :
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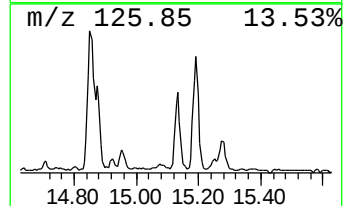
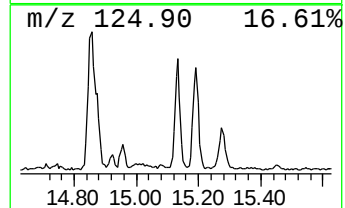
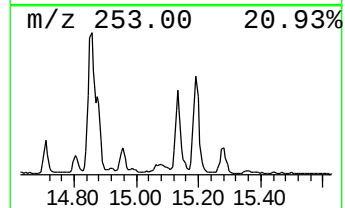
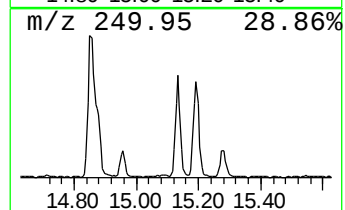
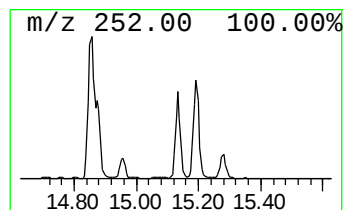
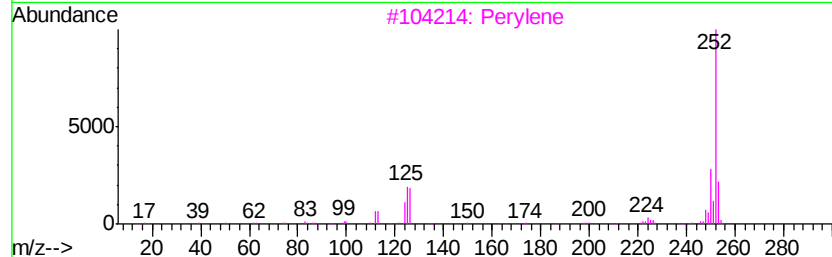
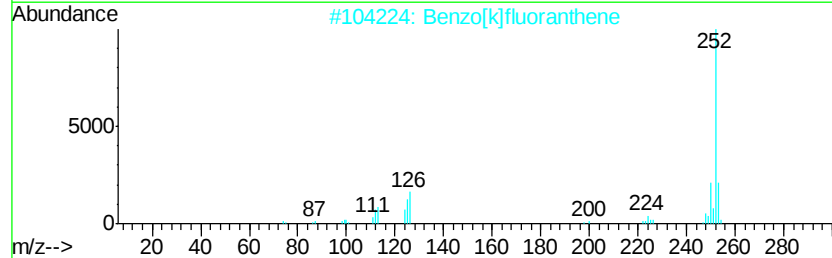
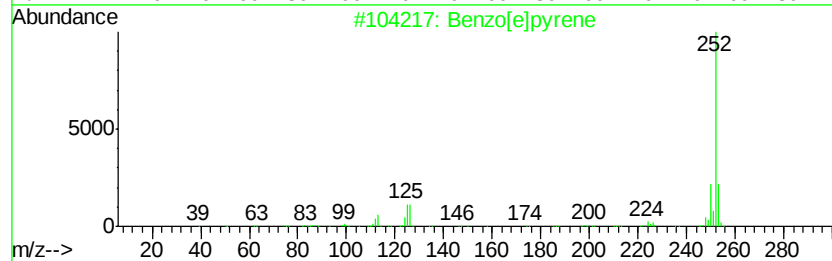
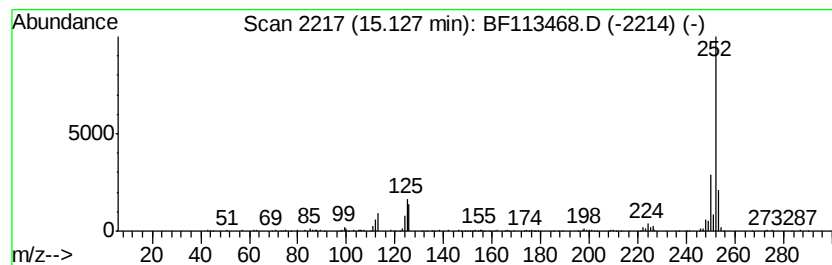
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	4.26 ng	330796	Perylene-d12	15.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3		Perylene	252	C20H12	000198-55-0	96
4		Benzo[a]pyrene	252	C20H12	000050-32-8	95
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113468.D
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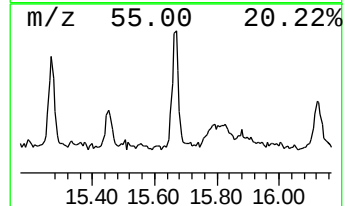
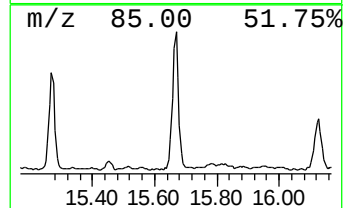
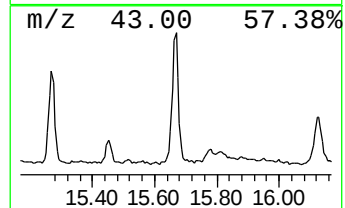
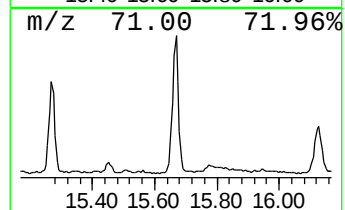
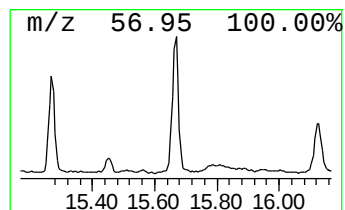
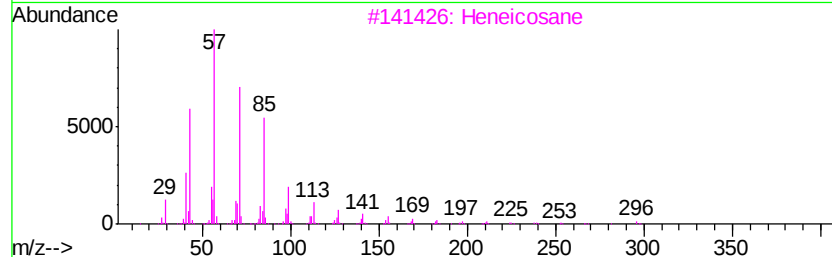
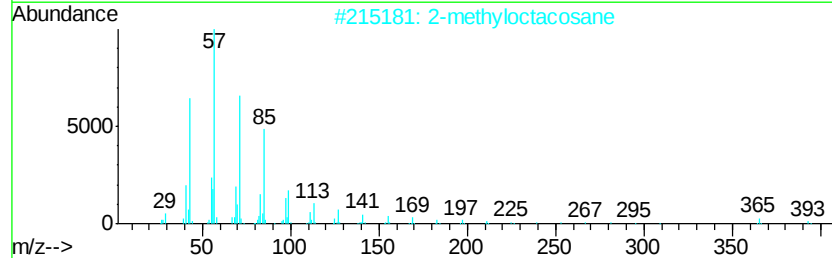
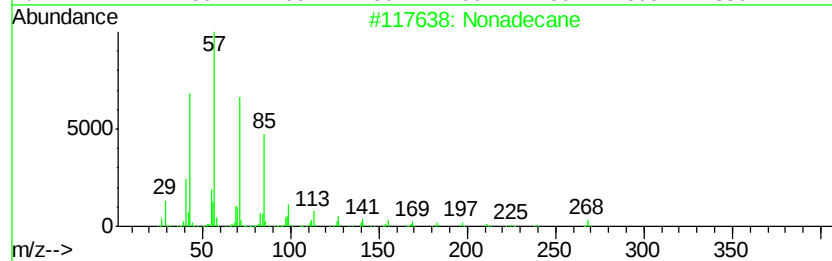
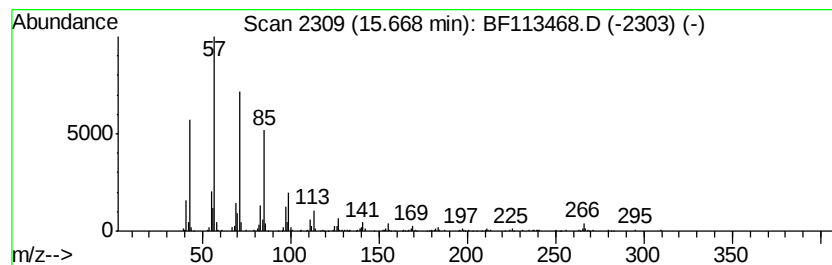
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	6.55 ng	508406	Perylene-d12	15.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	94
2			2-methyloctacosane	408	C29H60	1000376-72-8	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Eicosane, 2-methyl-	296	C21H44	001560-84-5	90
5			Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
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Acq On : 1 Apr 2019 16:00
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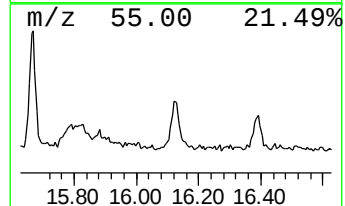
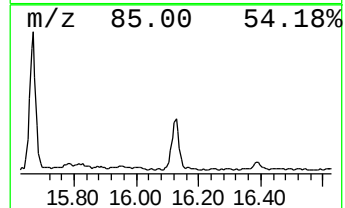
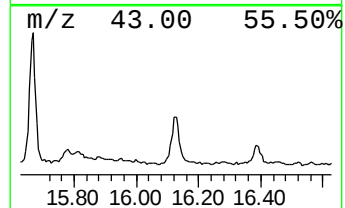
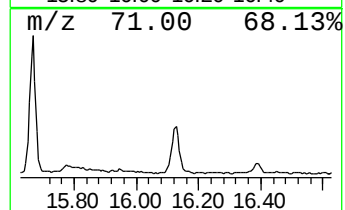
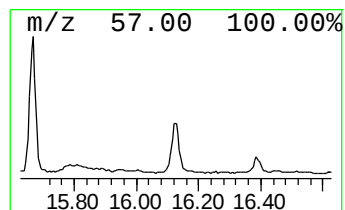
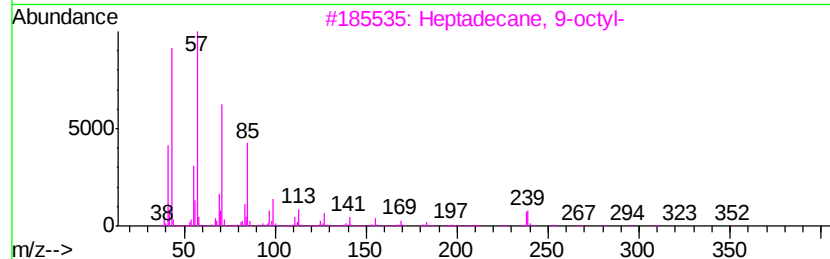
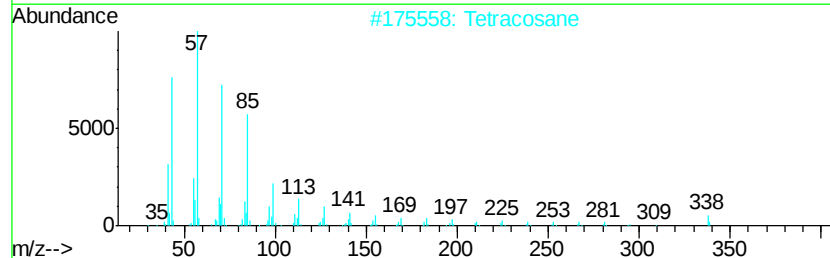
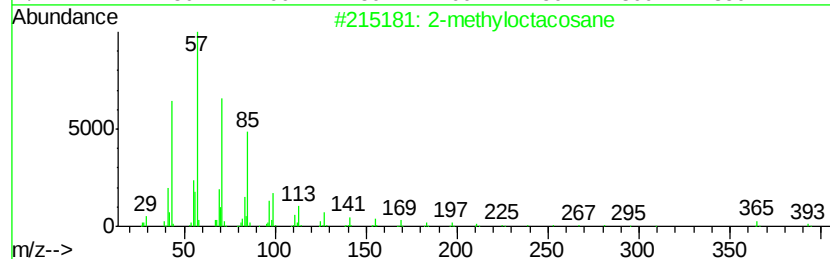
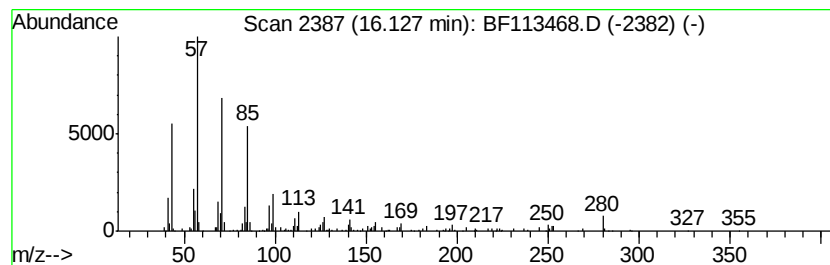
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 2-methyloctacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	2.98 ng	231454	Perylene-d12	15.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	90
2		Tetracosane	338	C24H50	000646-31-1	90
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4		triacontane	422	C30H62	000638-68-6	87
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113468.D
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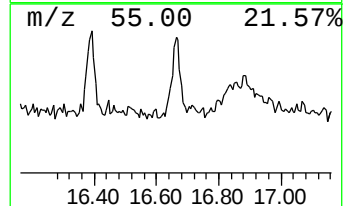
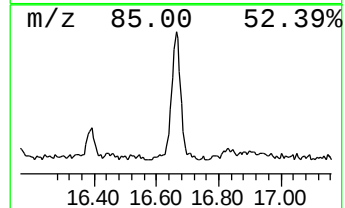
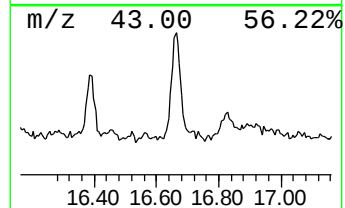
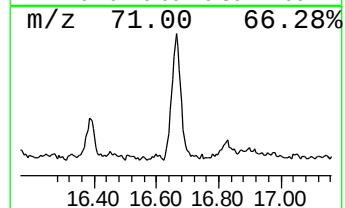
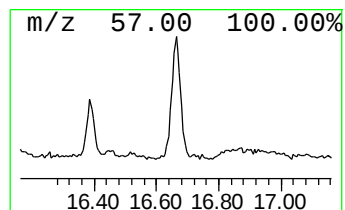
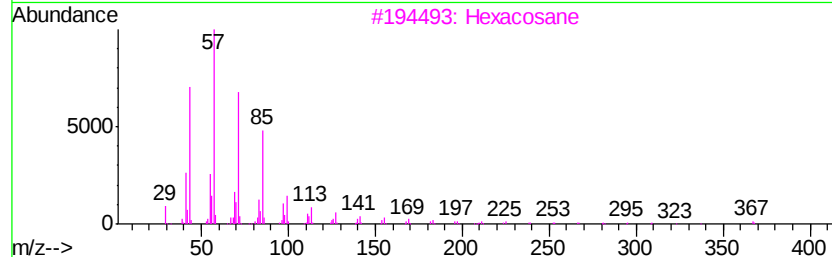
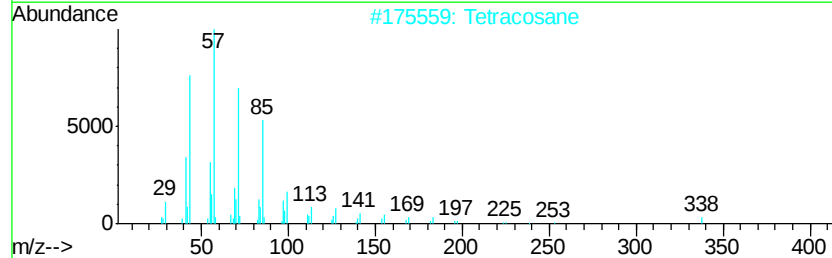
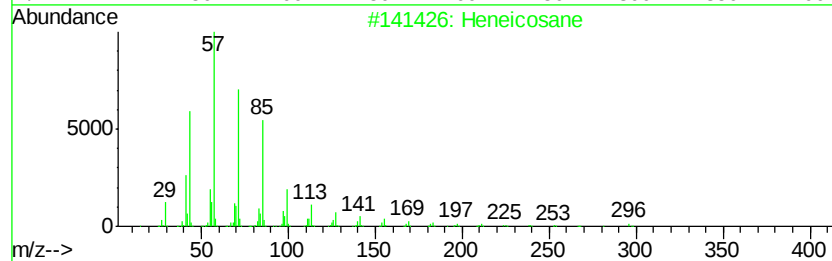
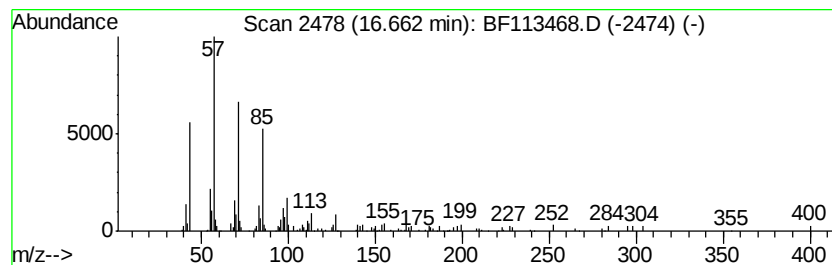
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heneicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	2.29 ng	178209	Perylene-d12	15.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	87
2		Tetracosane	338	C24H50	000646-31-1	87
3		Hexacosane	366	C26H54	000630-01-3	87
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
5		Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
 Data File : BF113468.D
 Acq On : 1 Apr 2019 16:00
 Operator : JU/SJ
 Sample : K2174-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200030

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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
unknown6.48	6.48	79.7	ng	3260200	1	6.70	818288	20.0
1(2H)-Acenaphthyl...	10.65	2.1	ng	130211	4	11.22	1246960	20.0
Naphtho[2,1-b]thi...	11.11	2.3	ng	144873	4	11.22	1246960	20.0
Phenanthrene, 2-m...	11.72	2.8	ng	175393	4	11.22	1246960	20.0
n-Hexadecanoic acid	11.75	12.1	ng	756899	4	11.22	1246960	20.0
4H-Cyclopenta[def...	11.83	6.8	ng	427112	4	11.22	1246960	20.0
Octadecanoic acid	12.53	11.4	ng	924287	5	13.85	1623810	20.0
Pyrene, 1-methyl-	12.98	2.4	ng	194980	5	13.85	1623810	20.0
11H-Benzo[b]fluorene	13.05	2.4	ng	194907	5	13.85	1623810	20.0
Pyrene, 2-methyl-	13.08	2.4	ng	191671	5	13.85	1623810	20.0
n-Tetracosanol-1	13.73	5.5	ng	445231	5	13.85	1623810	20.0
Heptadecane	14.32	2.4	ng	197498	5	13.85	1623810	20.0
Octadecane	14.61	2.8	ng	218717	6	15.25	1553350	20.0
Benzo[e]pyrene	15.13	4.3	ng	330796	6	15.25	1553350	20.0
Nonadecane	15.67	6.5	ng	508406	6	15.25	1553350	20.0
2-methyloctacosane	16.13	3.0	ng	231454	6	15.25	1553350	20.0
Heneicosane	16.66	2.3	ng	178209	6	15.25	1553350	20.0