

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
 Data File : BF120276.D
 Acq On : 1 May 2020 23:32
 Operator : MA/SJ
 Sample : L2376-03 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

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-BF040820.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	5.263	537	540	550	rBV	449022	461005	82.82%	4.632%
2	6.304	712	717	729	rBV	467912	449468	80.75%	4.516%
3	6.651	772	776	784	rBV	265719	222879	40.04%	2.239%
4	6.804	798	802	809	rBV	500373	391904	70.41%	3.938%
5	7.210	868	871	880	rBV	285840	251176	45.13%	2.524%
6	7.933	991	994	1001	rBV	338113	278663	50.06%	2.800%
7	9.010	1174	1177	1181	rBV	660476	521186	93.64%	5.236%
8	9.351	1232	1235	1237	rBV	13299	11693	2.10%	0.117%
9	9.410	1241	1245	1250	rVB2	48695	47361	8.51%	0.476%
10	9.551	1265	1269	1273	rBV	80556	68123	12.24%	0.684%
11	9.686	1289	1292	1296	rBV	322809	272551	48.97%	2.738%
12	9.892	1324	1327	1332	rBV3	9920	13112	2.36%	0.132%
13	10.010	1341	1347	1349	rBV2	10997	13765	2.47%	0.138%
14	10.145	1366	1370	1372	rVB2	9959	10635	1.91%	0.107%
15	10.233	1383	1385	1392	rVB2	22066	25408	4.56%	0.255%
16	10.474	1423	1426	1432	rVB	258266	235088	42.24%	2.362%
17	10.604	1445	1448	1454	rVB2	16779	19327	3.47%	0.194%
18	10.786	1475	1479	1481	rBV2	12163	14680	2.64%	0.147%
19	10.869	1487	1493	1495	rBV4	10101	11686	2.10%	0.117%
20	10.986	1510	1513	1516	rVB	10732	10627	1.91%	0.107%
21	11.069	1525	1527	1532	rVB2	9808	12074	2.17%	0.121%
22	11.174	1541	1545	1547	rBV	317635	276900	49.75%	2.782%
23	11.198	1547	1549	1552	rVV	217471	167611	30.11%	1.684%
24	11.251	1555	1558	1561	rVB	62727	58555	10.52%	0.588%
25	11.286	1561	1564	1567	rBV2	15393	15949	2.87%	0.160%
26	11.410	1583	1585	1587	rBV2	15823	13518	2.43%	0.136%
27	11.504	1598	1601	1605	rVB3	11049	14988	2.69%	0.151%
28	11.674	1627	1630	1633	rBV	71394	63062	11.33%	0.634%
29	11.704	1633	1635	1641	rVV2	91262	128386	23.07%	1.290%
30	11.751	1641	1643	1646	rVV	37930	38399	6.90%	0.386%
31	11.786	1646	1649	1651	rVV	102631	106621	19.16%	1.071%
32	11.810	1651	1653	1659	rVB	60360	51067	9.17%	0.513%
33	11.974	1678	1681	1683	rBV	23538	21256	3.82%	0.214%
34	11.998	1683	1685	1689	rVB3	17763	17288	3.11%	0.174%

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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	12.121	1704	1706	1708	rBV2	15576	13254	2.38%	0.133%
36	12.151	1708	1711	1713	rVV	22348	17295	3.11%	0.174%
37	12.174	1713	1715	1718	rVB2	19161	15561	2.80%	0.156%
38	12.227	1720	1724	1727	rBV	70742	79819	14.34%	0.802%
39	12.263	1727	1730	1732	rVV3	35741	41892	7.53%	0.421%
40	12.280	1732	1733	1736	rVB	24448	15602	2.80%	0.157%
41	12.310	1736	1738	1743	rVB3	39751	44408	7.98%	0.446%
42	12.386	1747	1751	1755	rBV	415637	354425	63.68%	3.561%
43	12.451	1756	1762	1765	rBV4	14538	22627	4.07%	0.227%
44	12.480	1765	1767	1769	rBV	36566	26194	4.71%	0.263%
45	12.498	1769	1770	1775	rBV5	17970	20032	3.60%	0.201%
46	12.615	1784	1790	1793	rBV	353153	405302	72.82%	4.072%
47	12.639	1793	1794	1797	rVV3	28580	21497	3.86%	0.216%
48	12.674	1797	1800	1804	rVB3	35200	44572	8.01%	0.448%
49	12.733	1807	1810	1812	rBV2	19515	22652	4.07%	0.228%
50	12.763	1812	1815	1822	rVB	557727	524022	94.15%	5.265%
51	12.833	1822	1827	1832	rBV2	55581	84397	15.16%	0.848%
52	12.921	1839	1842	1844	rBV4	44321	57711	10.37%	0.580%
53	12.945	1844	1846	1849	rVB	81885	69497	12.49%	0.698%
54	12.986	1849	1853	1854	rBV4	13462	16222	2.91%	0.163%
55	13.010	1854	1857	1860	rVB	58780	52141	9.37%	0.524%
56	13.045	1860	1863	1866	rBV2	75806	75562	13.58%	0.759%
57	13.110	1871	1874	1876	rBV3	11505	14078	2.53%	0.141%
58	13.139	1876	1879	1882	rVB	64618	49932	8.97%	0.502%
59	13.168	1882	1884	1887	rBV2	58005	51666	9.28%	0.519%
60	13.298	1903	1906	1909	rBV2	31695	35612	6.40%	0.358%
61	13.345	1912	1914	1917	rVV5	23654	31151	5.60%	0.313%
62	13.427	1925	1928	1930	rBV4	18544	21215	3.81%	0.213%
63	13.457	1930	1933	1936	rVB	37294	43073	7.74%	0.433%
64	13.515	1940	1943	1945	rBV2	20669	20385	3.66%	0.205%
65	13.562	1945	1951	1954	rBV3	45259	83959	15.08%	0.844%
66	13.586	1954	1955	1957	rVB	18734	12977	2.33%	0.130%
67	13.610	1957	1959	1961	rBV	17184	13299	2.39%	0.134%
68	13.674	1966	1970	1977	rBV5	55173	113403	20.37%	1.139%
69	13.780	1985	1988	1989	rBV2	22200	21103	3.79%	0.212%
70	13.810	1989	1993	1996	rVV2	422478	556603	100.00%	5.592%
71	13.839	1996	1998	2001	rVB	179331	145545	26.15%	1.462%

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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.898	2006	2008	2009	rBV2	22807	15896	2.86%	0.160%
73	13.915	2009	2011	2013	rVV	31589	27004	4.85%	0.271%
74	13.962	2016	2019	2021	rVV	25711	27933	5.02%	0.281%
75	13.992	2021	2024	2028	rVB4	38346	45798	8.23%	0.460%
76	14.162	2051	2053	2055	rBV	24861	19291	3.47%	0.194%
77	14.204	2055	2060	2063	rBV	83387	97606	17.54%	0.981%
78	14.233	2063	2065	2070	rBV2	61646	60567	10.88%	0.609%
79	14.298	2073	2076	2078	rVB2	83275	73050	13.12%	0.734%
80	14.327	2078	2081	2083	rBV	47196	43301	7.78%	0.435%
81	14.527	2113	2115	2122	rVB8	25869	37542	6.74%	0.377%
82	14.592	2122	2126	2134	rBV2	104539	154411	27.74%	1.551%
83	14.827	2162	2166	2168	rBV	182342	242539	43.57%	2.437%
84	14.904	2176	2179	2181	rBV	117535	112566	20.22%	1.131%
85	15.104	2210	2213	2218	rVB	115367	141890	25.49%	1.426%
86	15.162	2219	2223	2228	rVV	186616	210155	37.76%	2.111%
87	15.215	2228	2232	2235	rBV	213096	276984	49.76%	2.783%
88	15.251	2235	2238	2245	rVB3	134765	181497	32.61%	1.824%
89	15.609	2297	2299	2302	rBV4	26851	27402	4.92%	0.275%
90	15.651	2303	2306	2311	rVB	70118	94261	16.94%	0.947%
91	15.903	2347	2349	2352	rVB4	20826	14862	2.67%	0.149%
92	16.109	2381	2384	2388	rVB2	42598	58620	10.53%	0.589%
93	16.280	2412	2413	2419	rVB6	31629	24549	4.41%	0.247%
94	16.562	2457	2461	2469	rVB2	77849	150335	27.01%	1.510%
95	16.633	2471	2473	2481	rVB4	32676	64593	11.60%	0.649%
96	16.962	2527	2529	2535	rVB	62444	94031	16.89%	0.945%
97	17.098	2549	2552	2557	rBV7	37651	56882	10.22%	0.572%
98	17.180	2564	2566	2567	rBV2	23581	16306	2.93%	0.164%
99	17.774	2666	2667	2670	rVB3	21191	12088	2.17%	0.121%
100	18.274	2750	2752	2755	rBV3	21612	16338	2.94%	0.164%

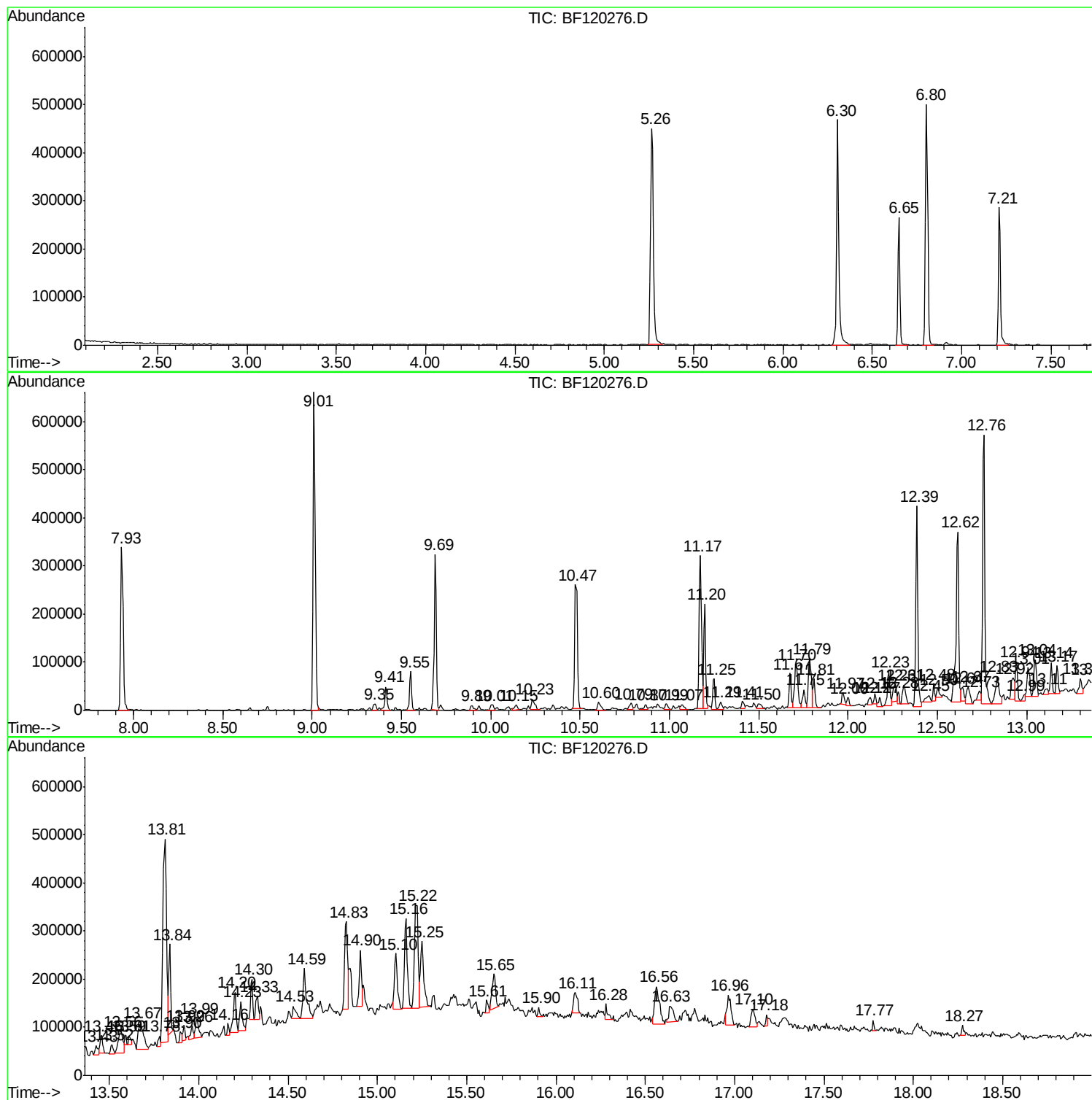
Sum of corrected areas: 9952993

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.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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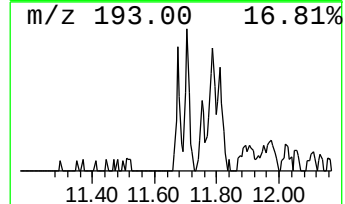
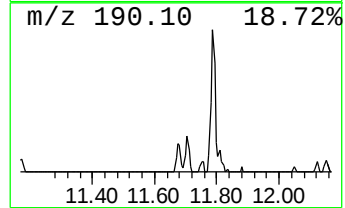
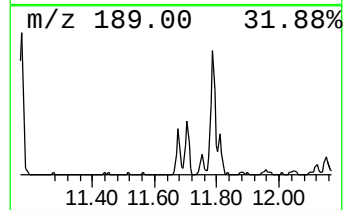
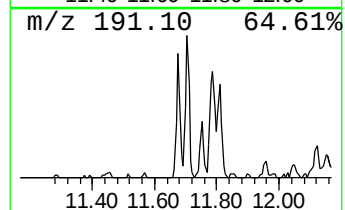
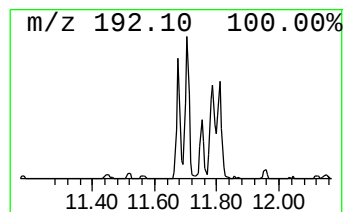
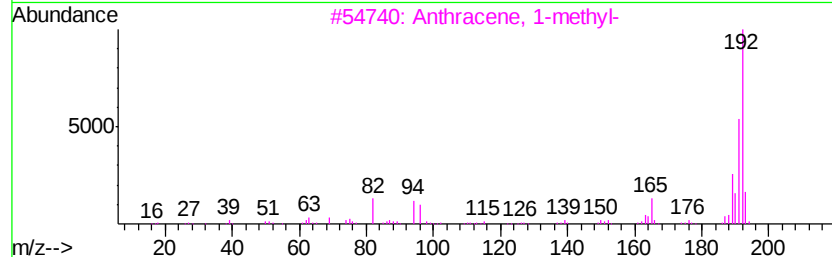
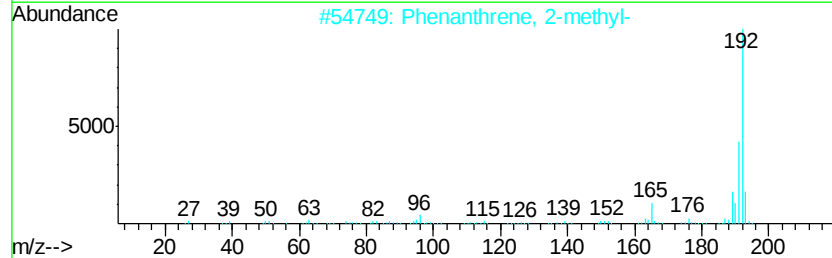
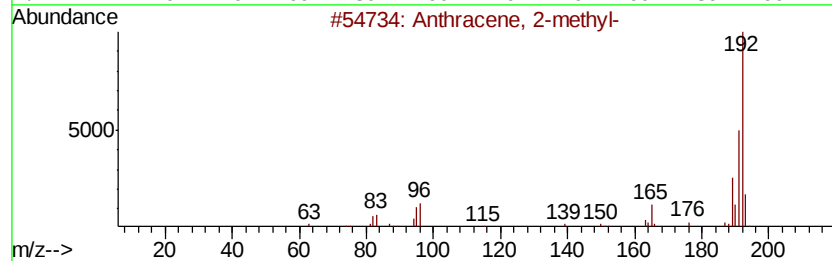
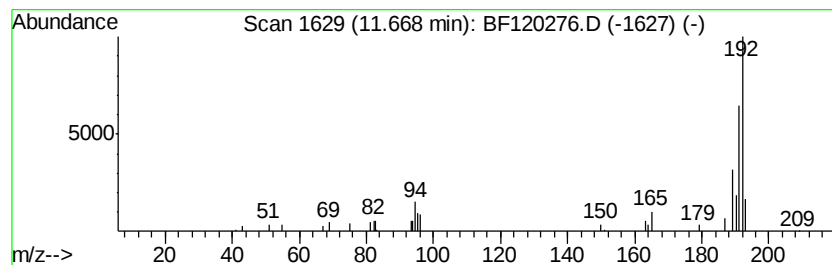
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	4.55 ng	63062	Phenanthrene-d10	11.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87



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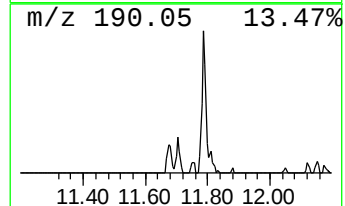
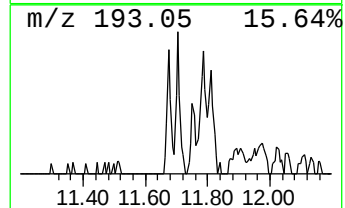
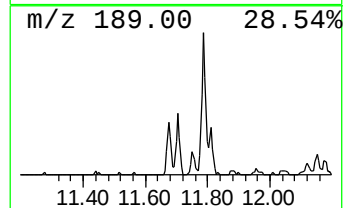
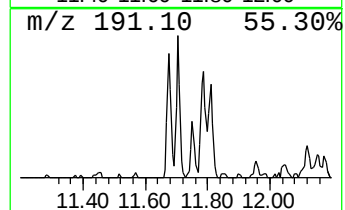
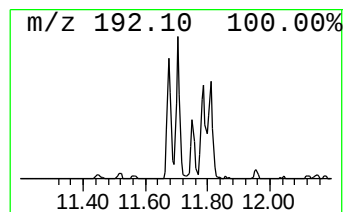
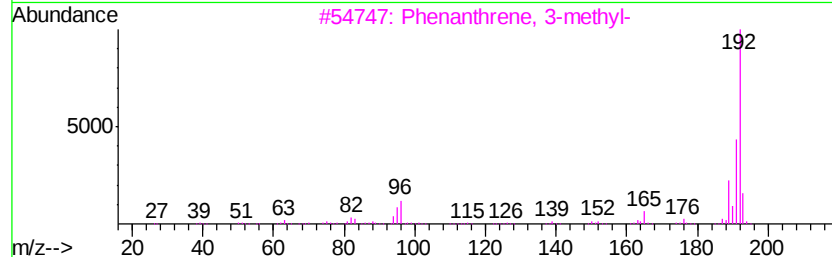
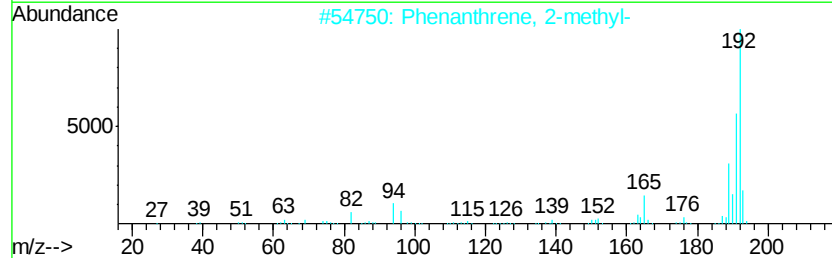
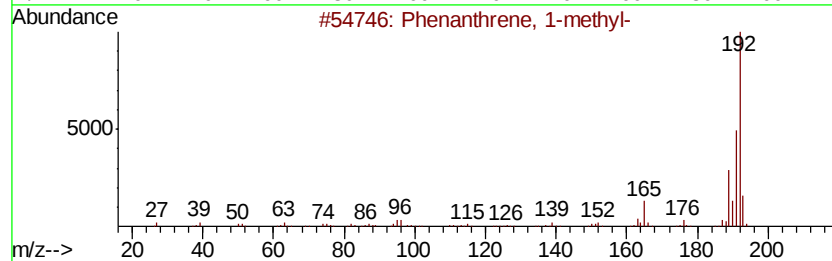
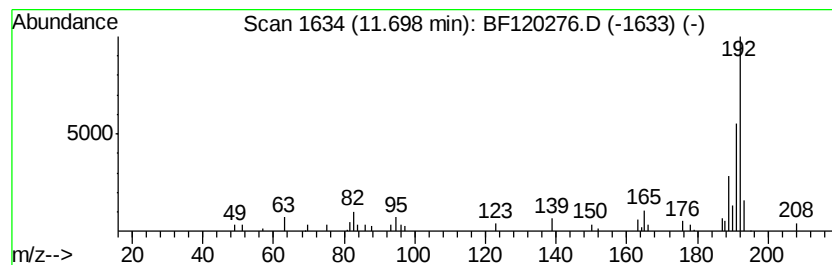
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	9.27 ng	128386	Phenanthrene-d10	11.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90



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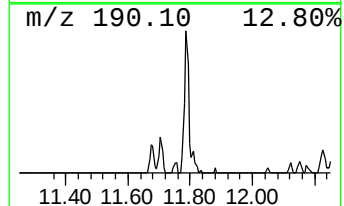
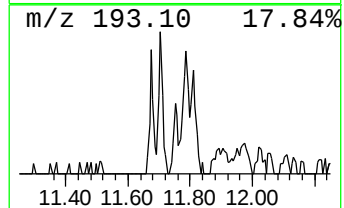
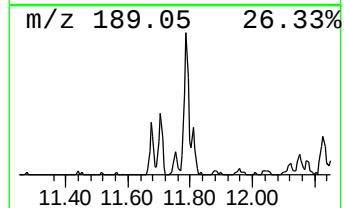
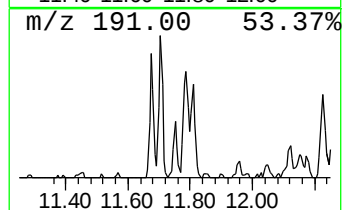
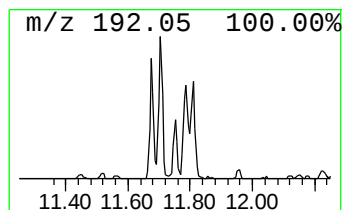
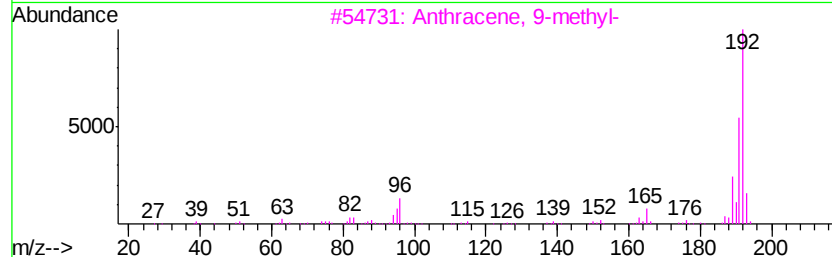
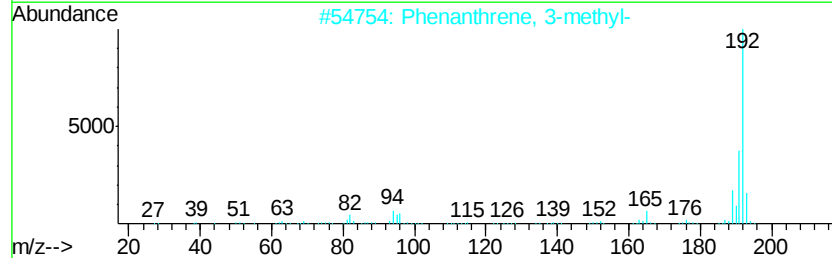
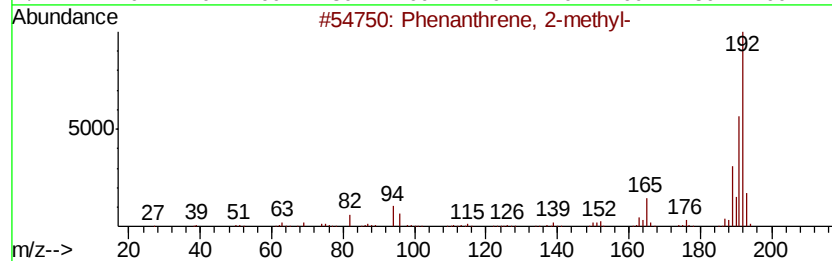
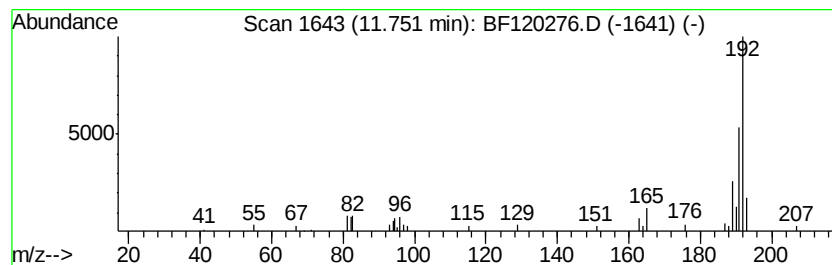
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.77 ng	38399	Phenanthrene-d10	11.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120276.D
Acq On : 1 May 2020 23:32
Operator : MA/SJ
Sample : L2376-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

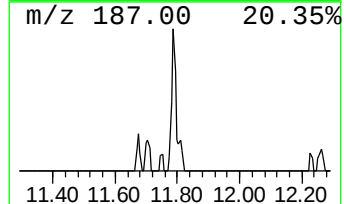
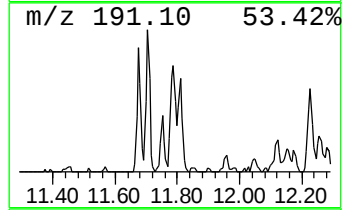
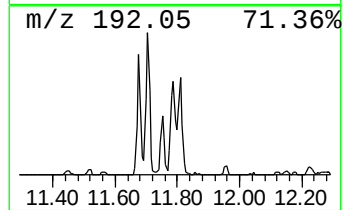
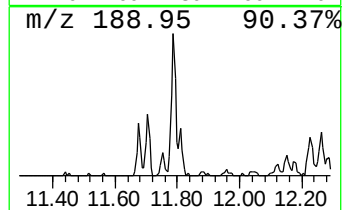
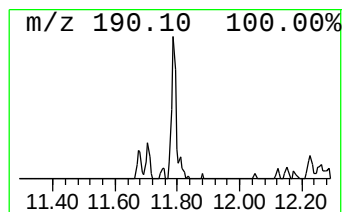
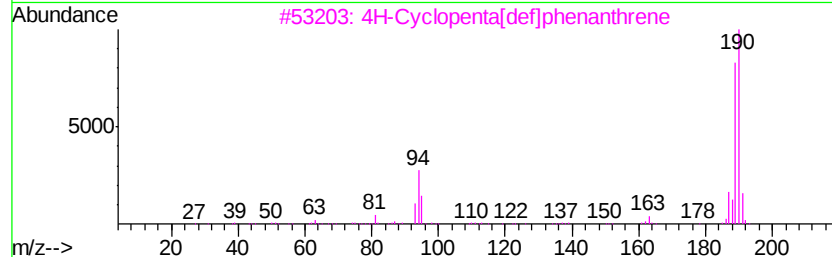
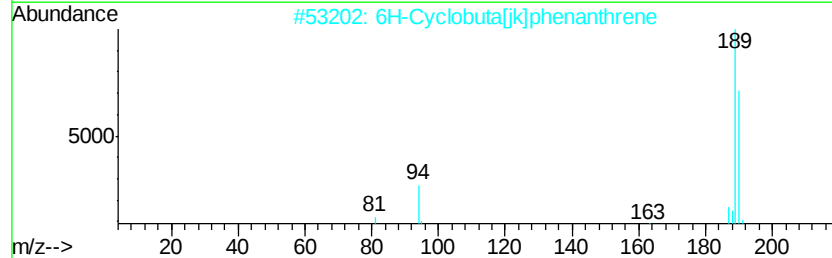
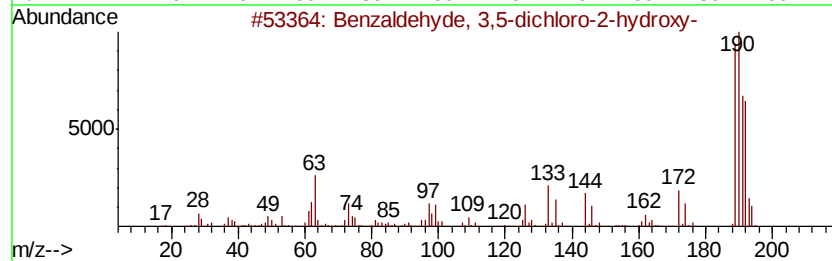
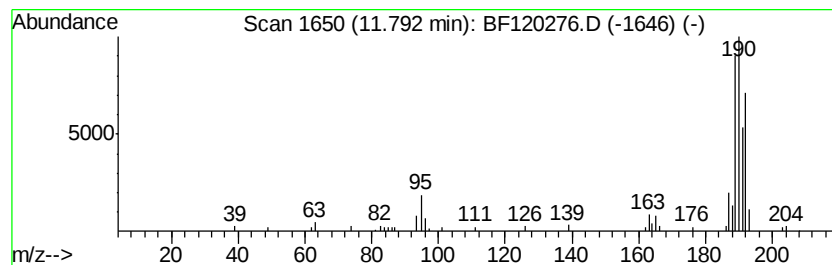
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzaldehyde, 3,5-dichloro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	7.70 ng	106621	Phenanthrene-d10	11.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzaldehyd, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	58
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	49
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120276.D
Acq On : 1 May 2020 23:32
Operator : MA/SJ
Sample : L2376-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

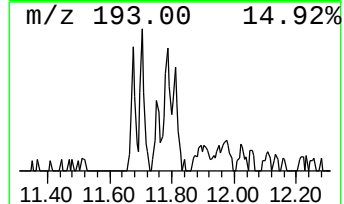
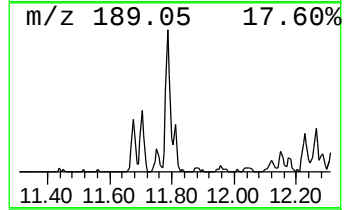
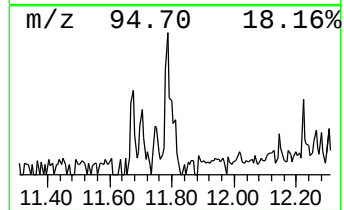
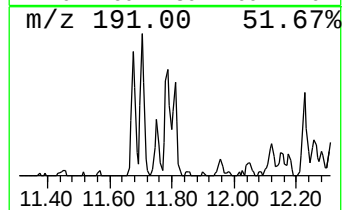
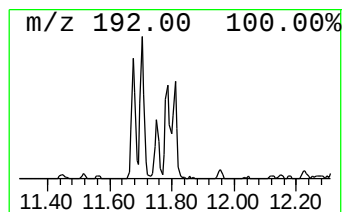
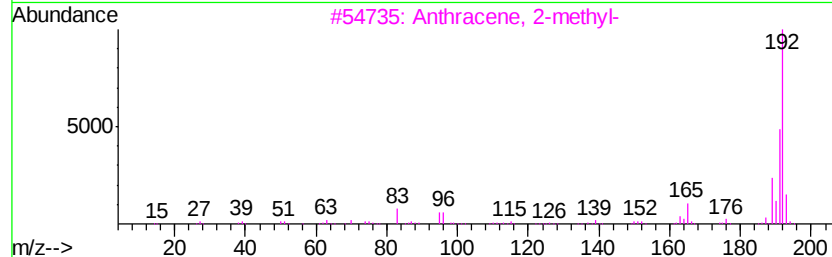
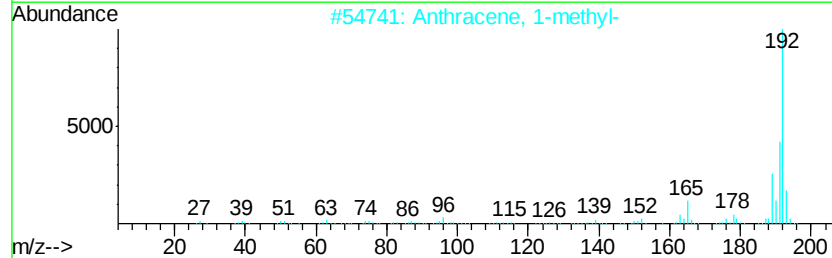
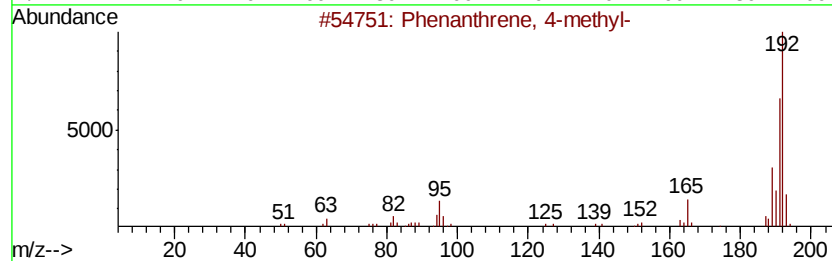
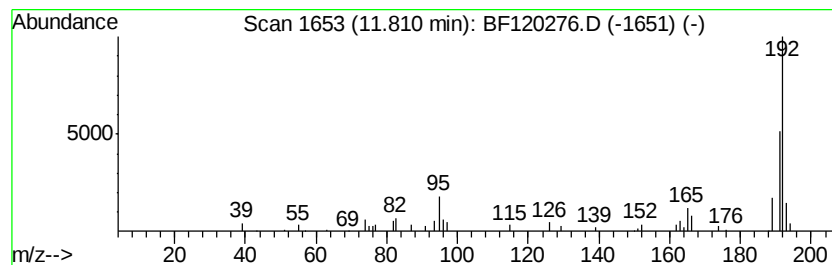
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.81	3.69 ng	51067	Phenanthrene-d10	11.17	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
5	1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120276.D
Acq On : 1 May 2020 23:32
Operator : MA/SJ
Sample : L2376-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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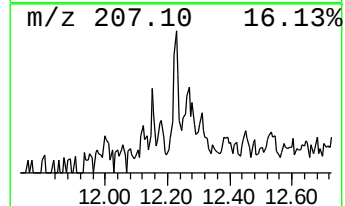
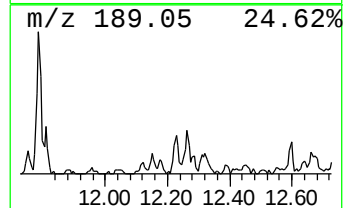
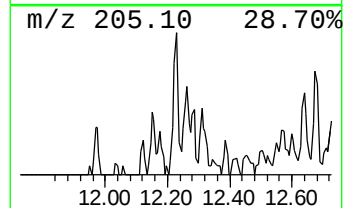
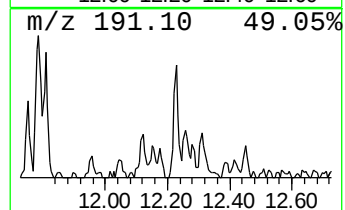
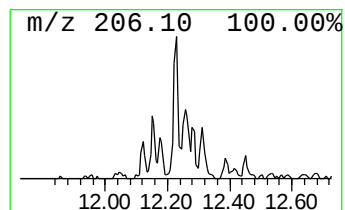
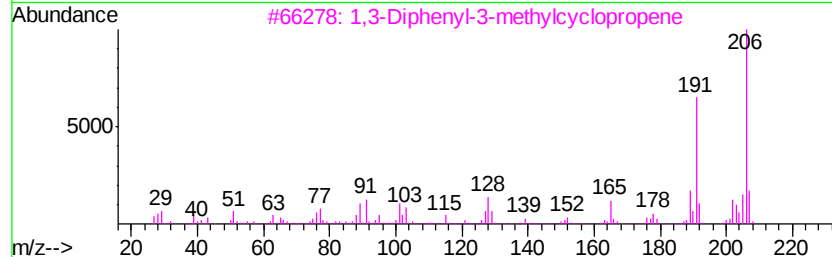
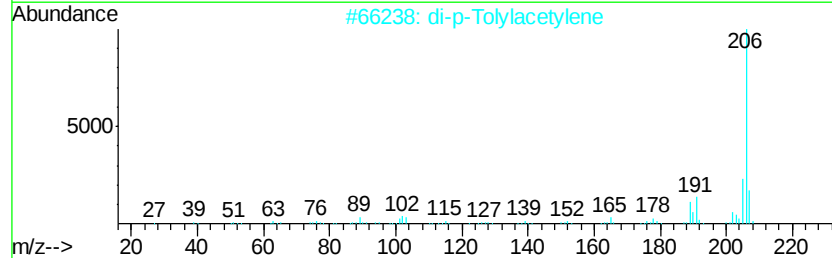
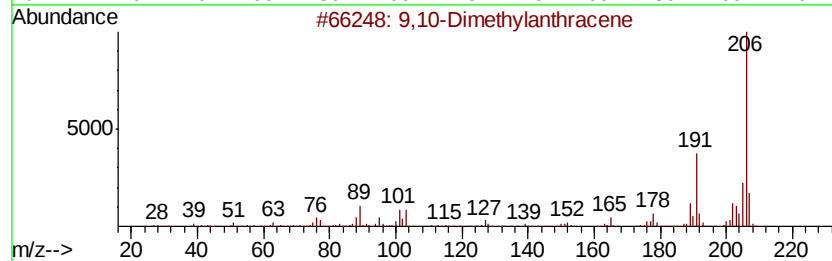
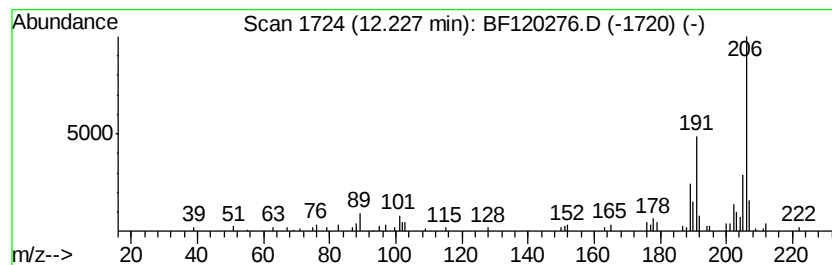
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9,10-Dimethylantracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	5.77 ng	79819	Phenanthrene-d10	11.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
2			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3			1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90
4			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83
5			3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120276.D
Acq On : 1 May 2020 23:32
Operator : MA/SJ
Sample : L2376-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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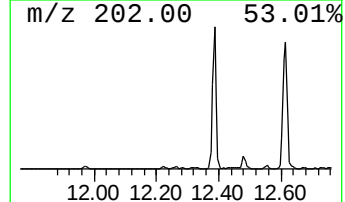
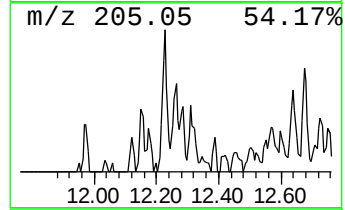
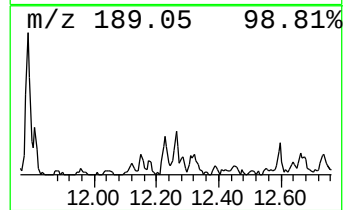
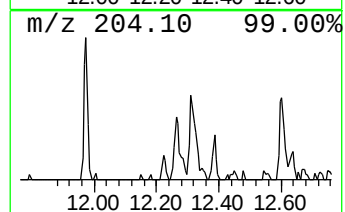
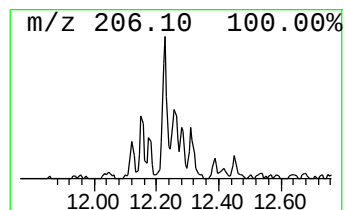
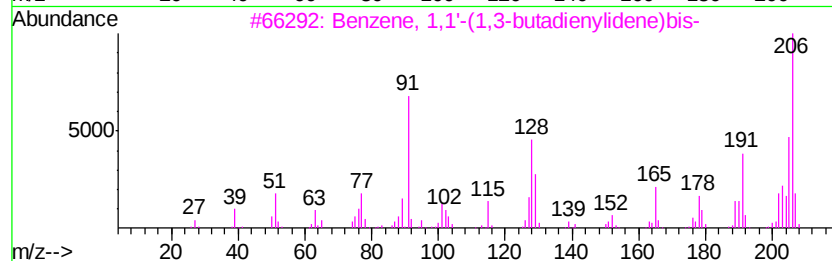
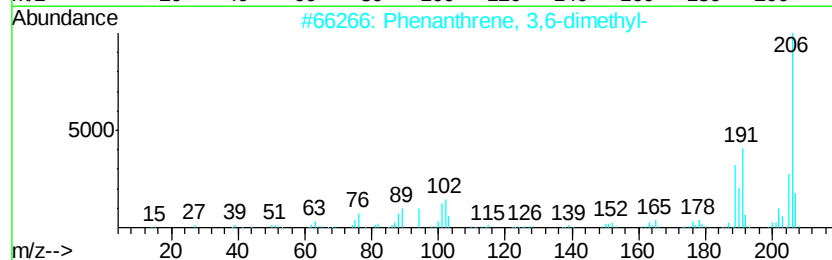
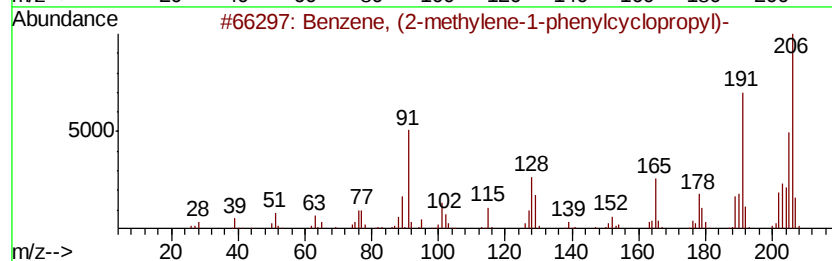
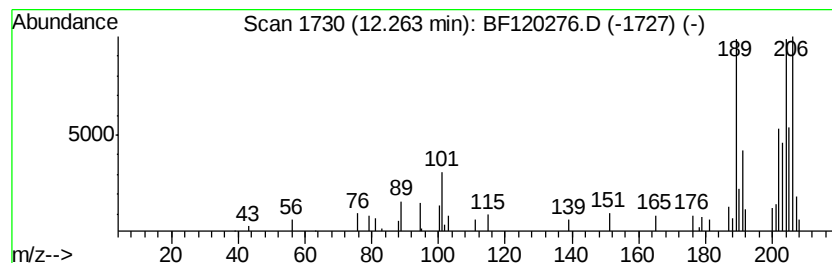
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown12.26 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	3.03 ng	41892	Phenanthrene-d10	11.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methylene-1-phenylcv...	206	C16H14	025152-47-0	46
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	46
3		Benzene, 1,1'-(1,3-butadienylidene...	206	C16H14	004165-81-5	41
4		1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	38
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120276.D
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Operator : MA/SJ
Sample : L2376-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

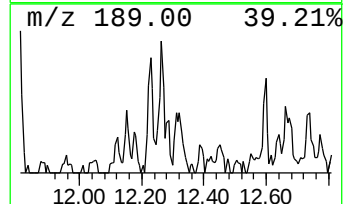
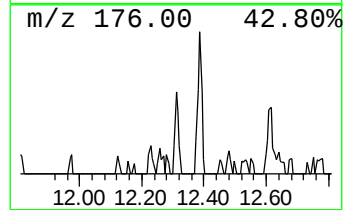
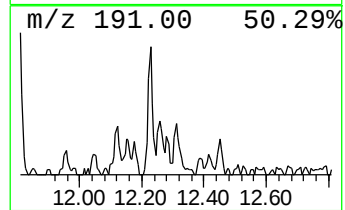
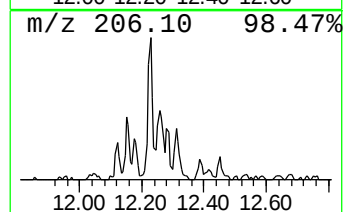
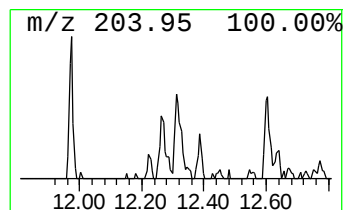
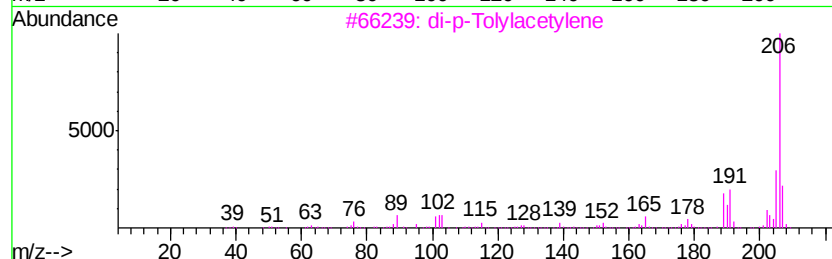
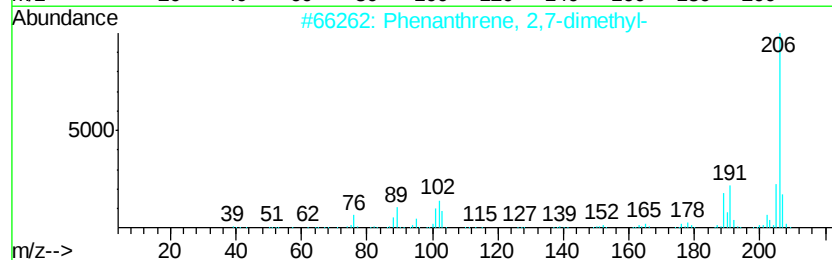
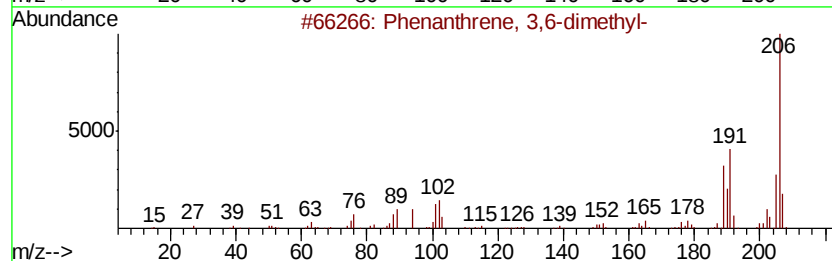
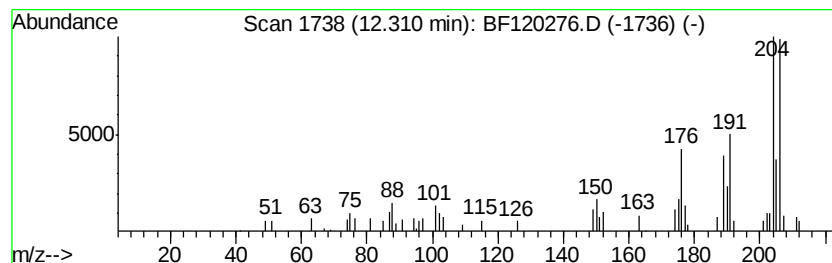
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown12.31 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.31	3.21 ng	44408	Phenanthrene-d10	11.17	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	49
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	47
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	46
4	1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	38
5	Hydrazine, 4-bromo-2-fluorophenyl-	204	C6H6BrFN2	299440-17-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120276.D
Acq On : 1 May 2020 23:32
Operator : MA/SJ
Sample : L2376-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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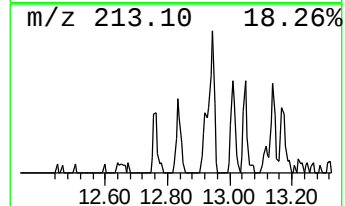
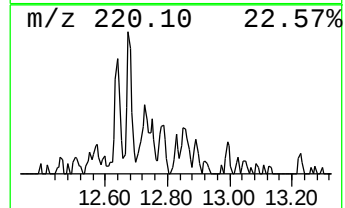
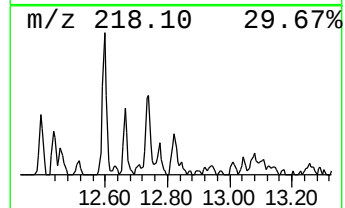
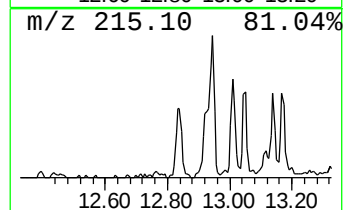
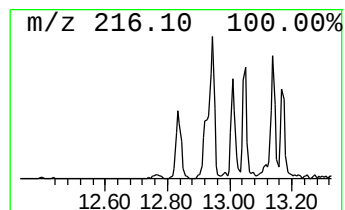
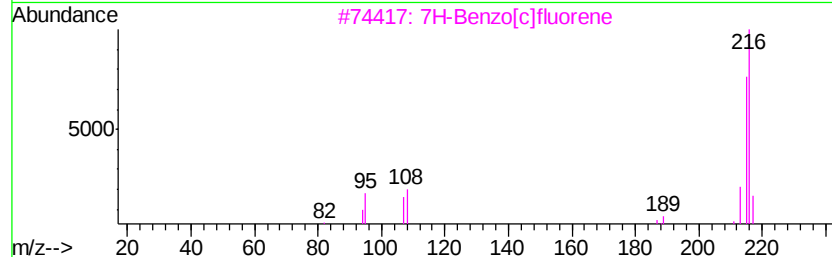
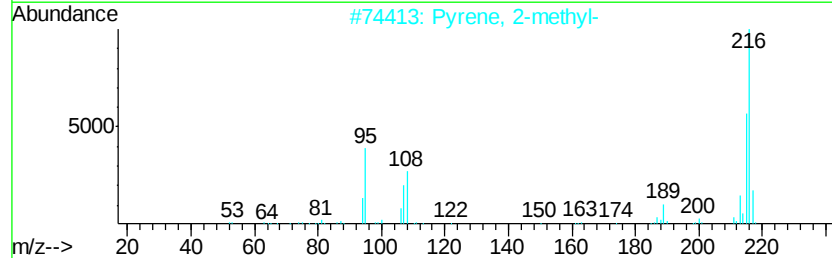
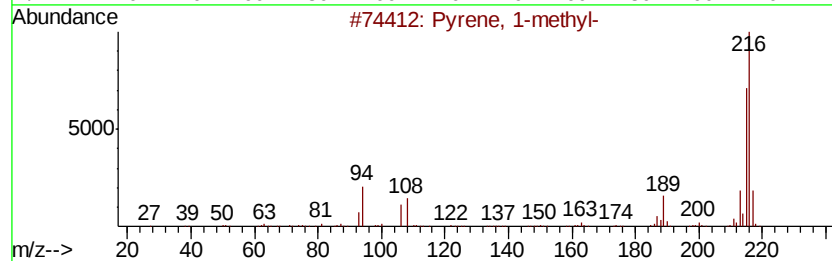
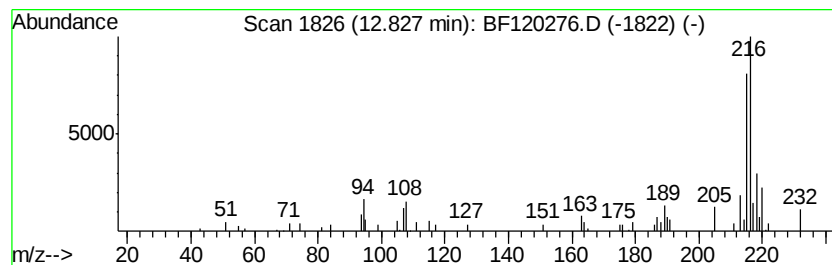
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	3.03 ng	84397	Chrysene-d12	13.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2			Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
3			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	70
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68
5			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120276.D
Acq On : 1 May 2020 23:32
Operator : MA/SJ
Sample : L2376-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

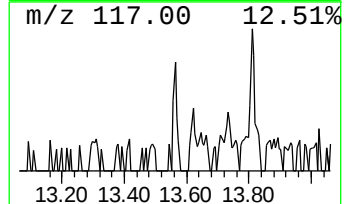
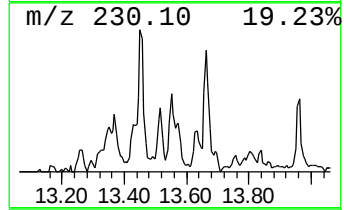
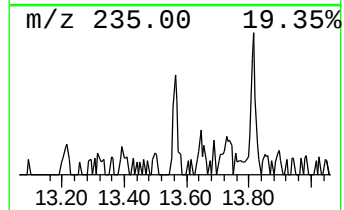
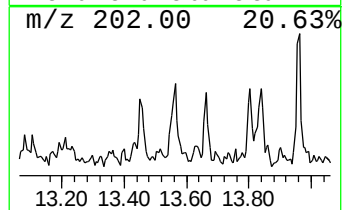
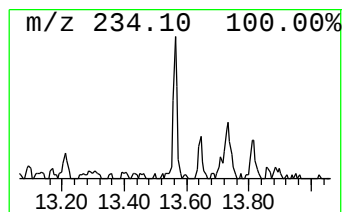
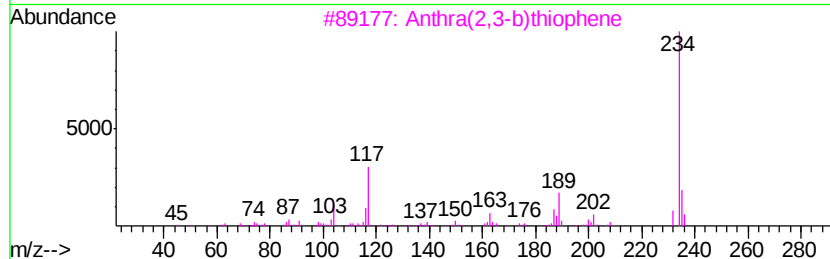
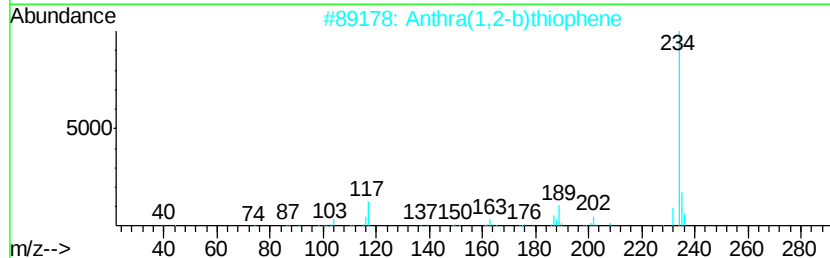
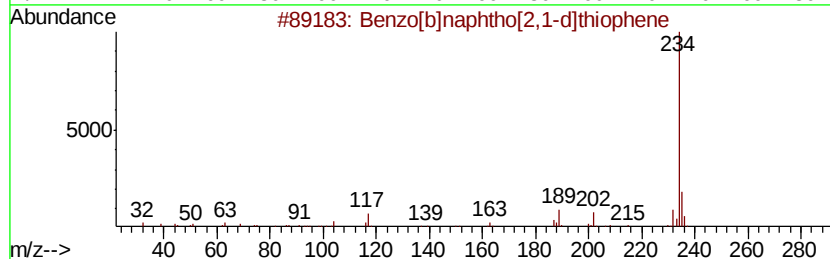
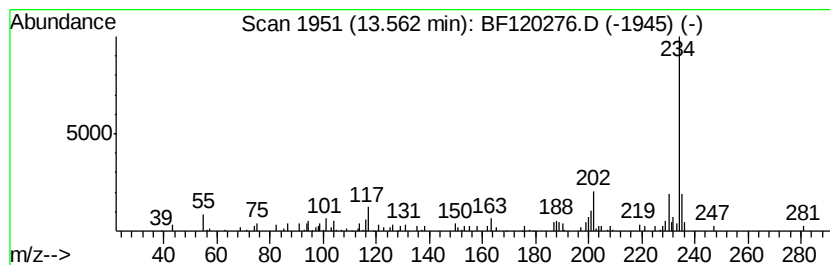
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[b]naphtho[2,1-d]thioph... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	3.02 ng	83959	Chrysene-d12	13.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	76
2		Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	70
3		Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	70
4		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	68
5		Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
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Acq On : 1 May 2020 23:32
Operator : MA/SJ
Sample : L2376-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

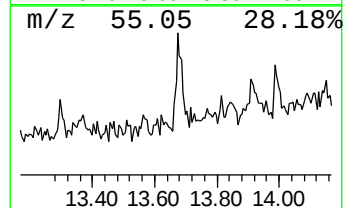
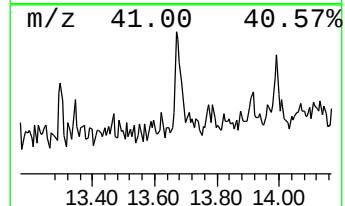
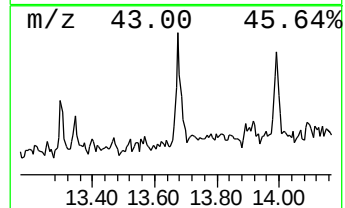
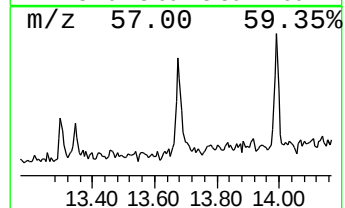
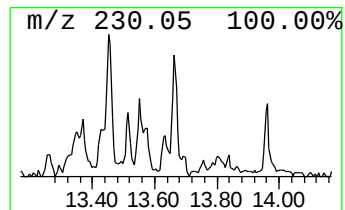
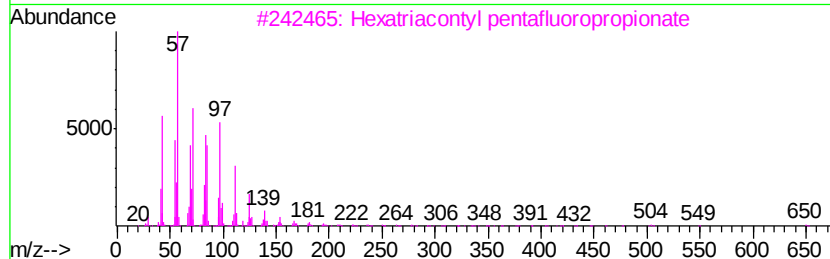
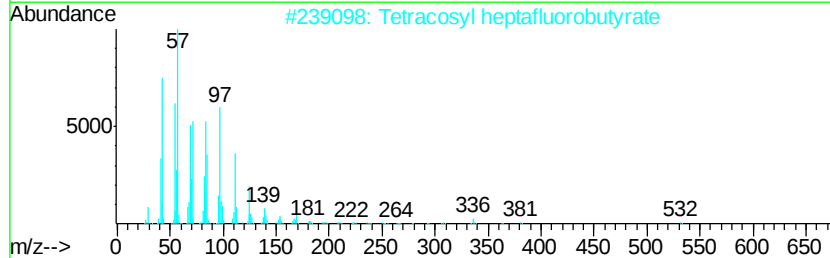
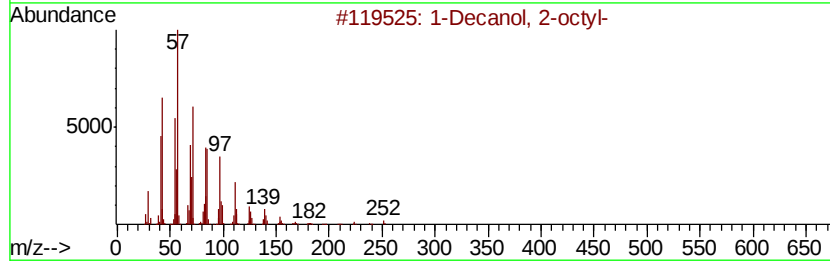
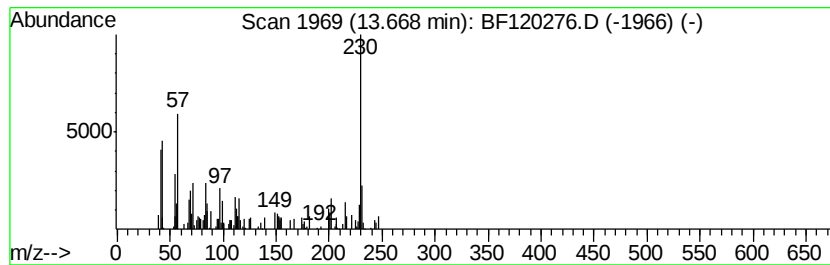
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1-Decanol, 2-octyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	4.07 ng	113403	Chrysene-d12	13.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Decanol, 2-octyl-	270 C18H38O	045235-48-1	58
2	Tetracosyl heptafluorobutyrate	550 C28H49F7O2	1000351-83-7	52
3	Hexatriacontyl pentafluoropropio...	669 C39H73F5O2	1000351-89-0	52
4	Octatriacontyl pentafluoropropio...	697 C41H77F5O2	1000351-89-1	52
5	Hexatriacontyl trifluoroacetate	619 C38H73F3O2	1000351-88-6	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120276.D
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ALS Vial : 21 Sample Multiplier: 1

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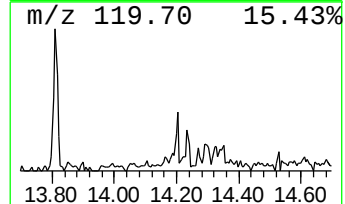
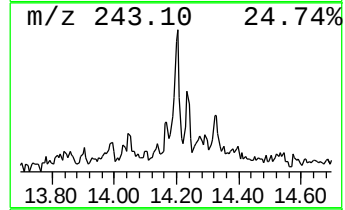
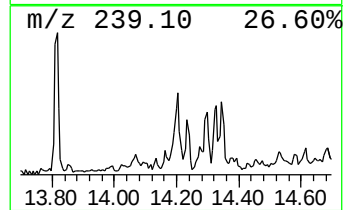
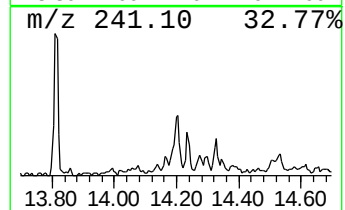
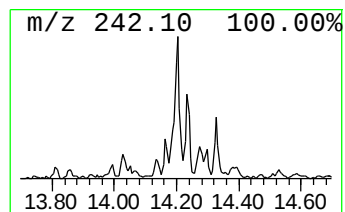
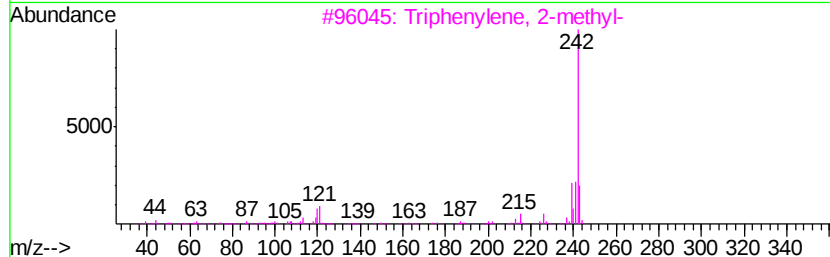
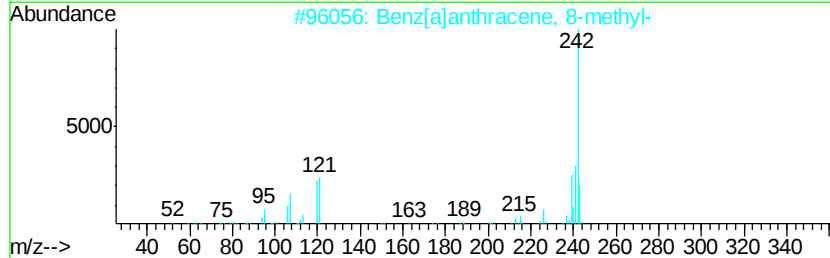
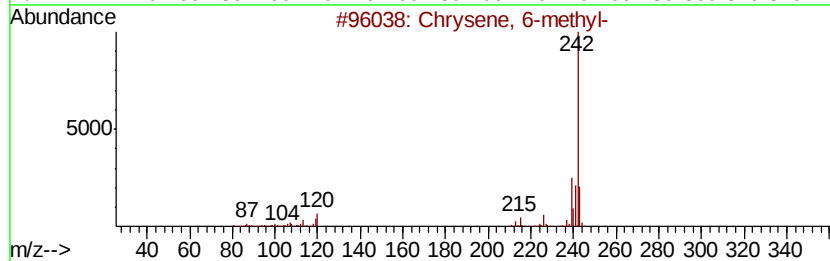
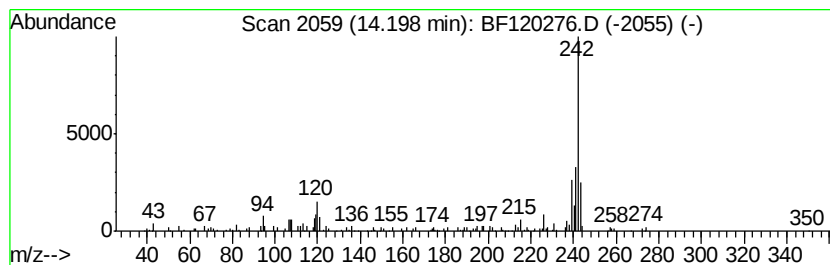
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Chrysene, 6-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	3.51 ng	97606	Chrysene-d12	13.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Chrysene, 6-methyl-	242	C19H14	001705-85-7	90
2			Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
3			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90
4			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	89
5			Chrysene, 1-methyl-	242	C19H14	003351-28-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120276.D
Acq On : 1 May 2020 23:32
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Sample : L2376-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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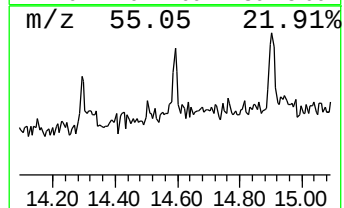
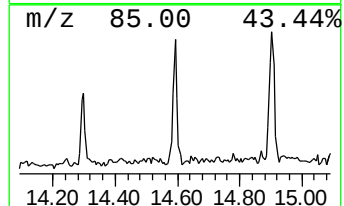
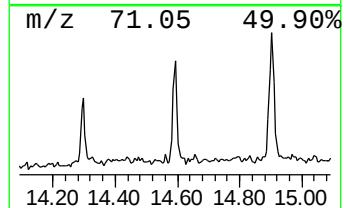
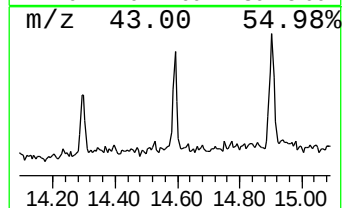
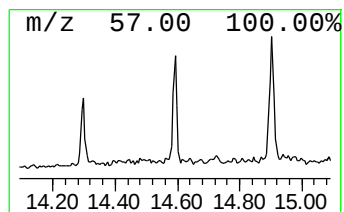
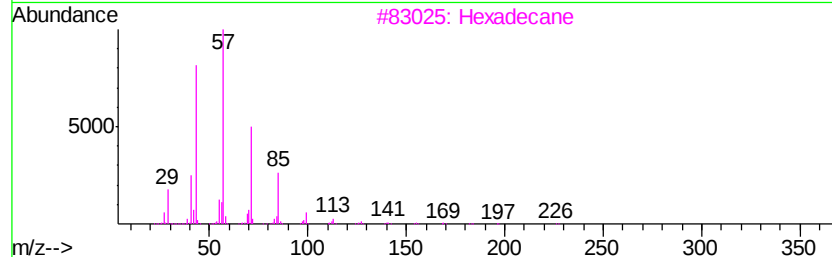
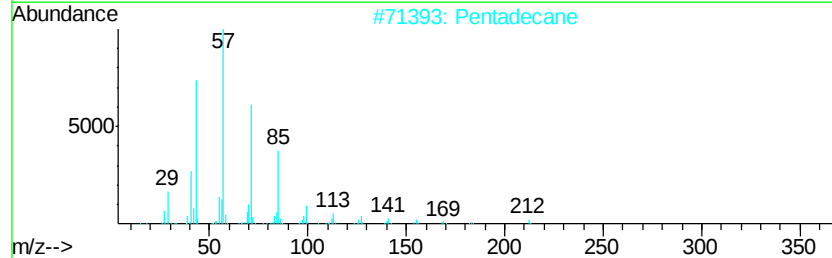
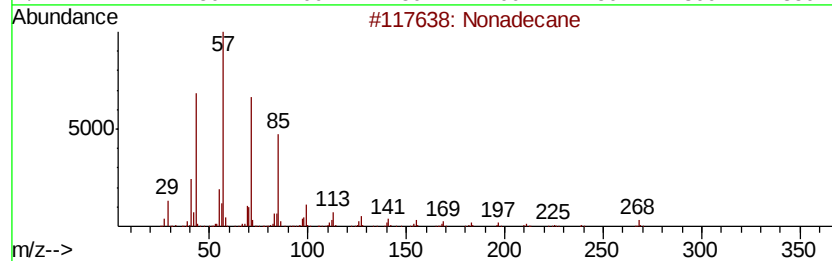
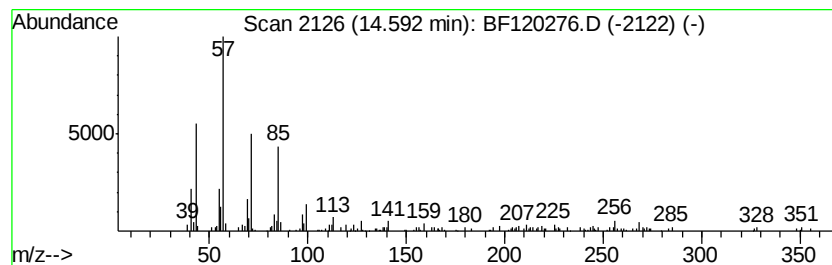
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Nonadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	11.15 ng	154411	Perylene-d12	15.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	91
2	Pentadecane		212	C15H32	000629-62-9	87
3	Hexadecane		226	C16H34	000544-76-3	87
4	Octadecane		254	C18H38	000593-45-3	80
5	Tetracosane		338	C24H50	000646-31-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
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Sample : L2376-03 5X
Misc :
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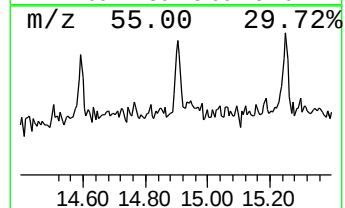
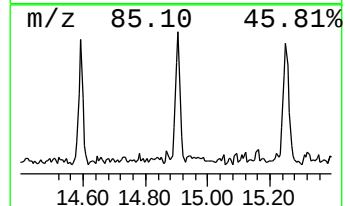
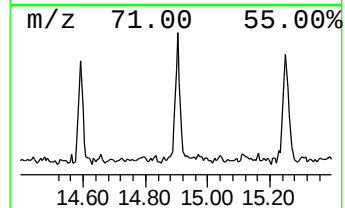
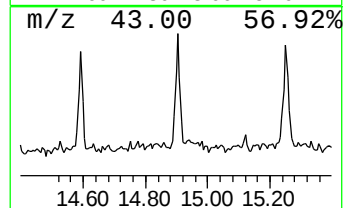
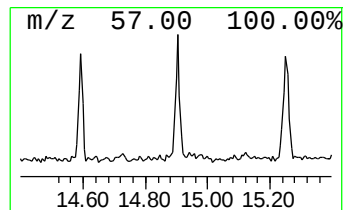
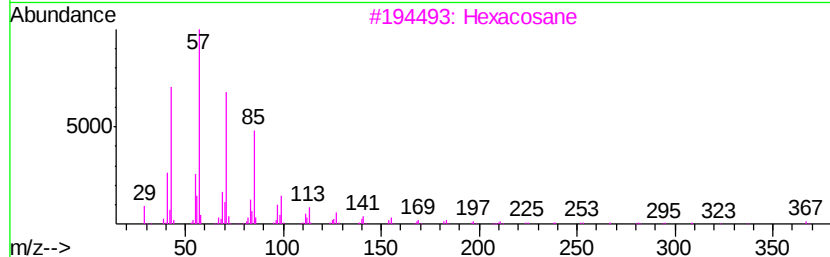
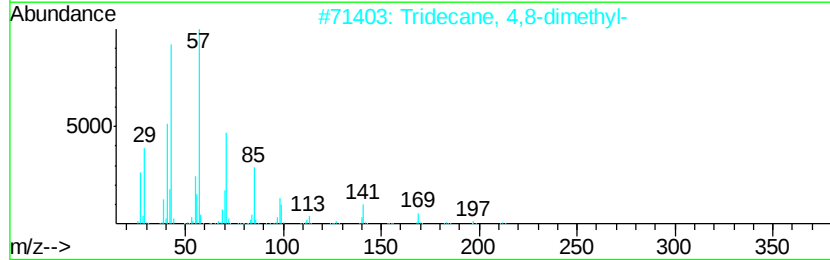
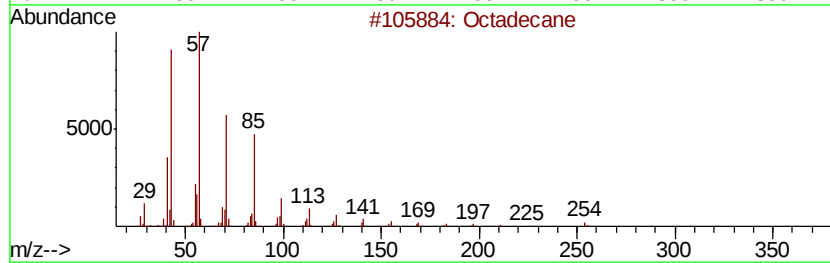
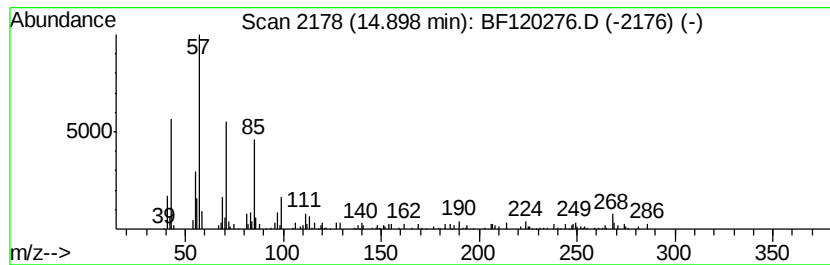
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.90	8.13 ng	112566	Perylene-d12		15.22
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	83
3	Hexacosane	366	C26H54	000630-01-3	83
4	Tetracosane	338	C24H50	000646-31-1	83
5	Pentadecane	212	C15H32	000629-62-9	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120276.D
Acq On : 1 May 2020 23:32
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Sample : L2376-03 5X
Misc :
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Instrument :
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ClientSampleId :
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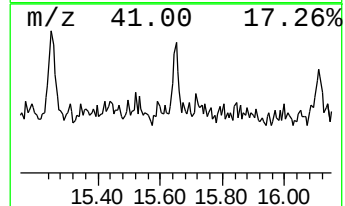
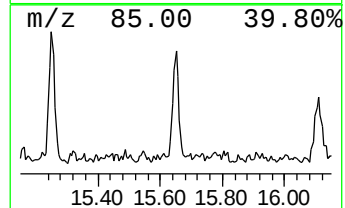
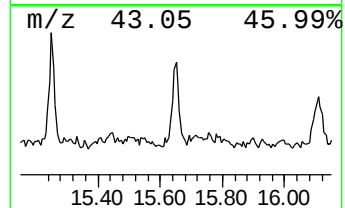
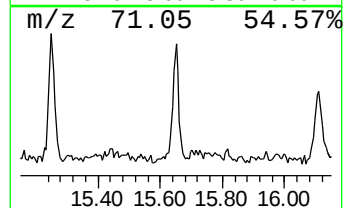
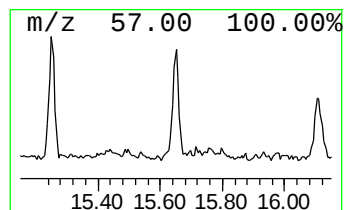
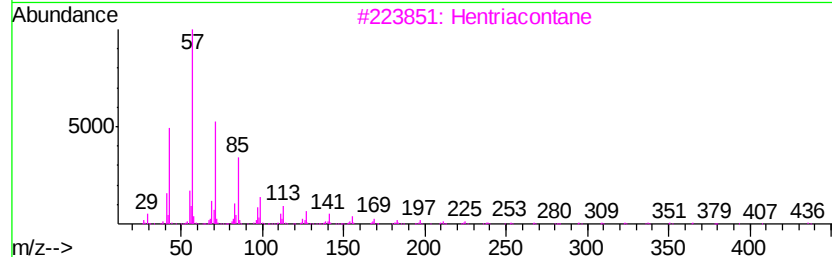
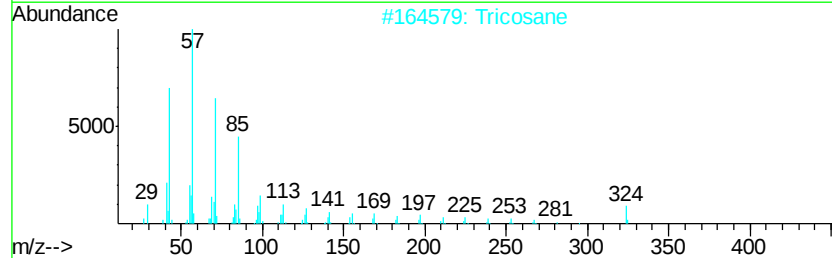
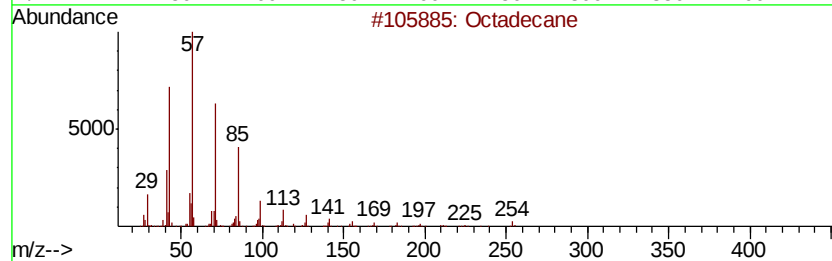
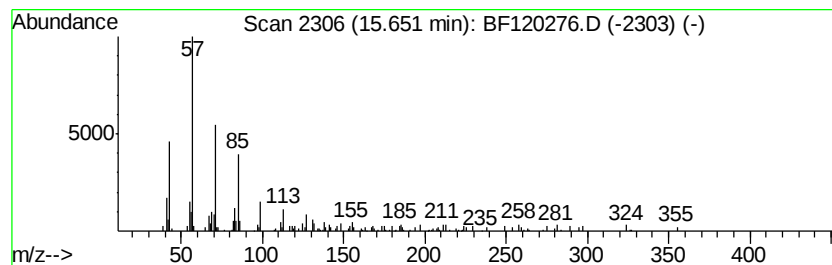
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tricosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	6.81 ng	94261	Perylene-d12	15.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	91
2			Tricosane	324	C23H48	000638-67-5	83
3			Hentriacontane	437	C31H64	000630-04-6	80
4			Tetratetracontane	619	C44H90	007098-22-8	80
5			Tetratriacontane	479	C34H70	014167-59-0	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
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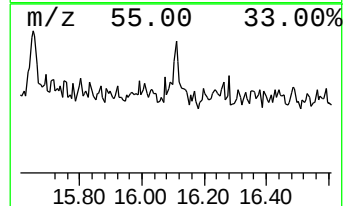
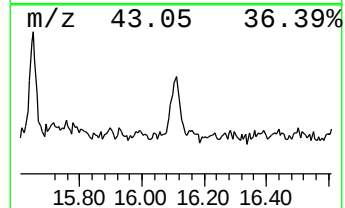
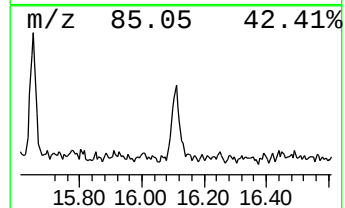
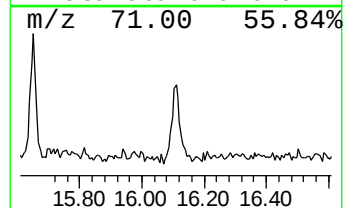
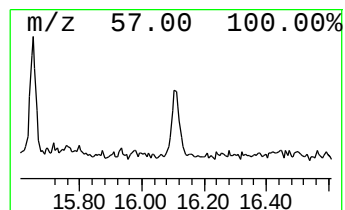
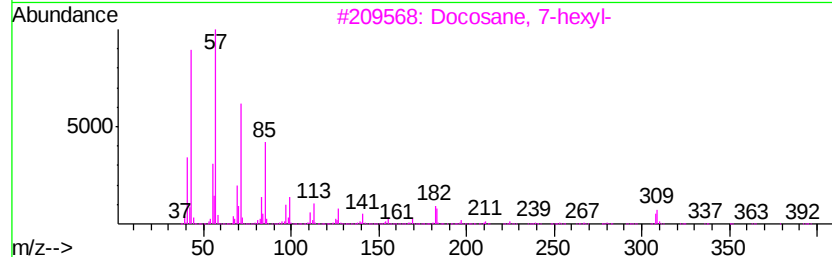
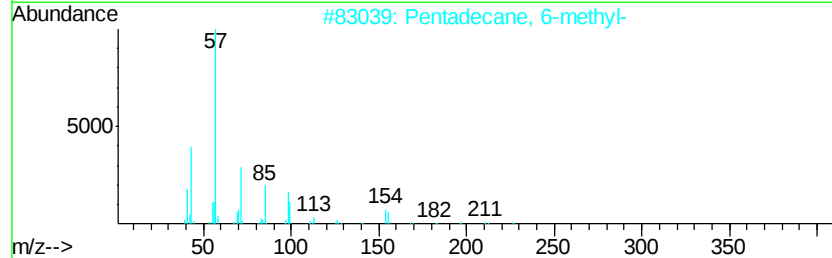
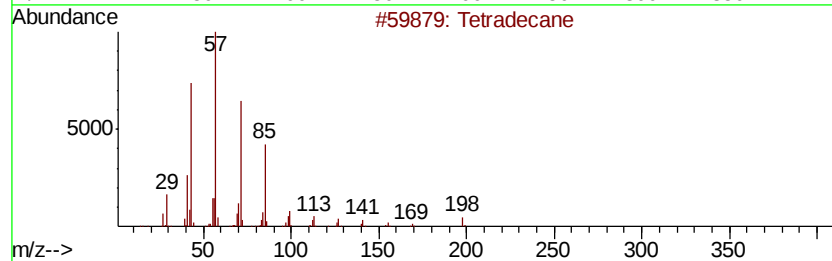
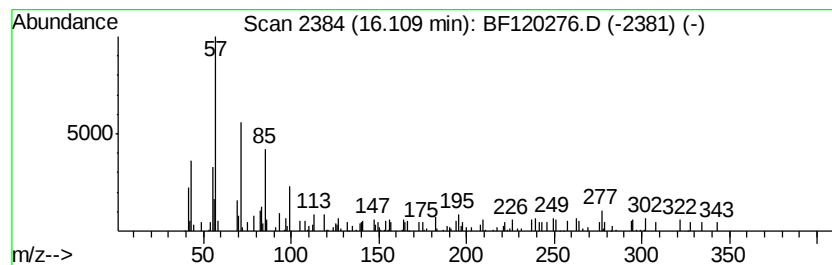
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	4.23 ng	58620	Perylene-d12	15.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	53
2			Pentadecane, 6-methyl-	226	C16H34	010105-38-1	53
3			Docosane, 7-hexyl-	394	C28H58	055373-86-9	52
4			Hexadecane	226	C16H34	000544-76-3	52
5			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120276.D
Acq On : 1 May 2020 23:32
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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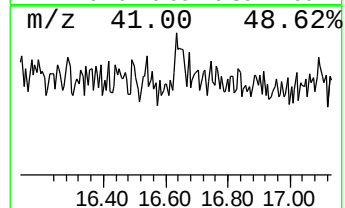
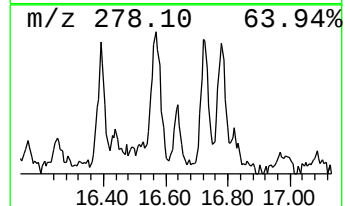
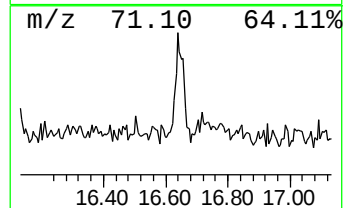
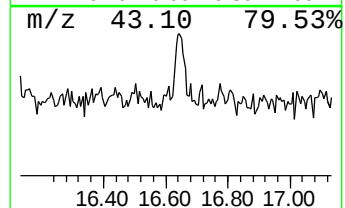
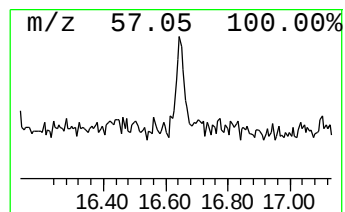
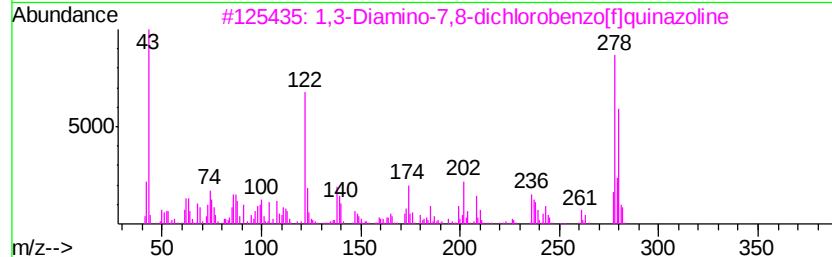
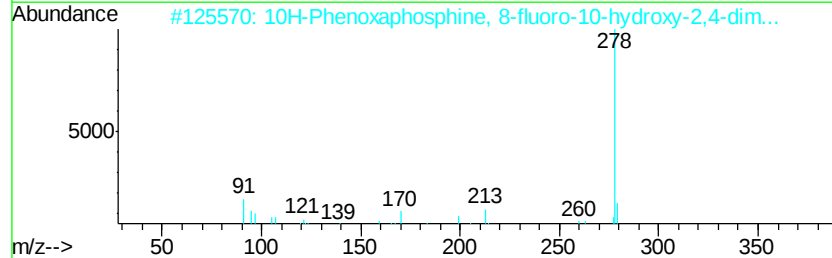
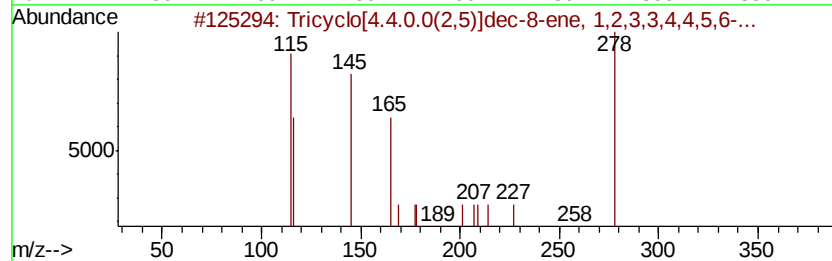
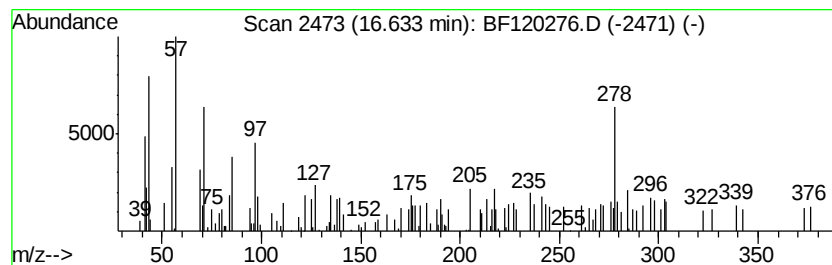
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown16.63 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	4.66 ng	64593	Perylene-d12	15.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[4.4.0.0(2,5)]dec-8-ene,...	278	C10H6F8	077549-74-7	35
2		10H-Phenoxaphosphine, 8-fluoro-1...	278	C14H12F03P	037041-13-7	14
3		1,3-Diamino-7,8-dichlorobenzo[fl...	278	C12H8Cl2N4	037521-57-6	11
4		Curan, 16,17,19,20-tetradehydro-	278	C19H22N2	056053-17-9	11
5		2-(tert-Butylaminoxy)-3,3-dimet...	278	C16H26N2O2	104351-13-5	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
Data File : BF120276.D
Acq On : 1 May 2020 23:32
Operator : MA/SJ
Sample : L2376-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-3

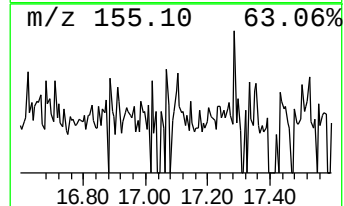
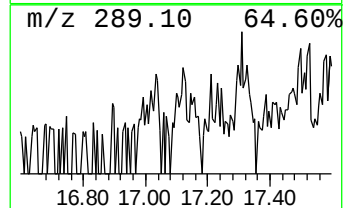
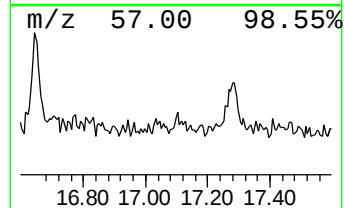
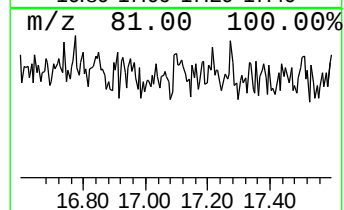
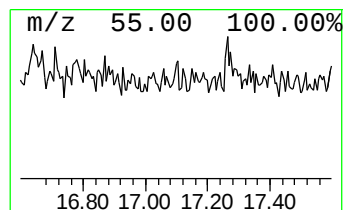
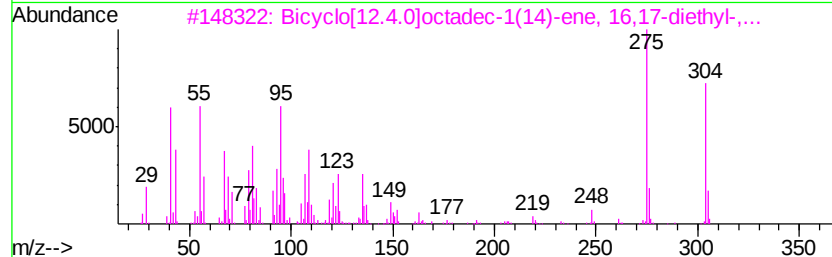
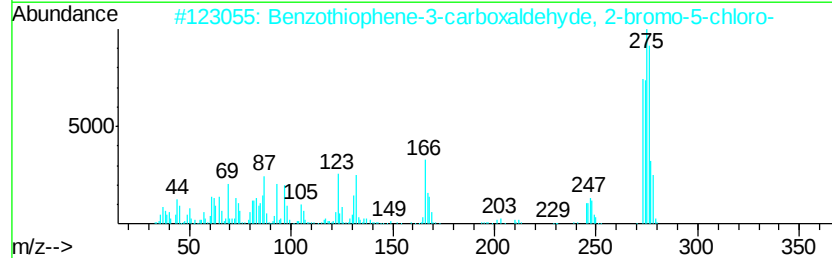
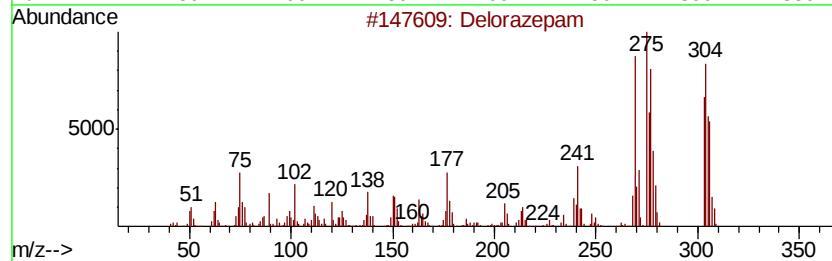
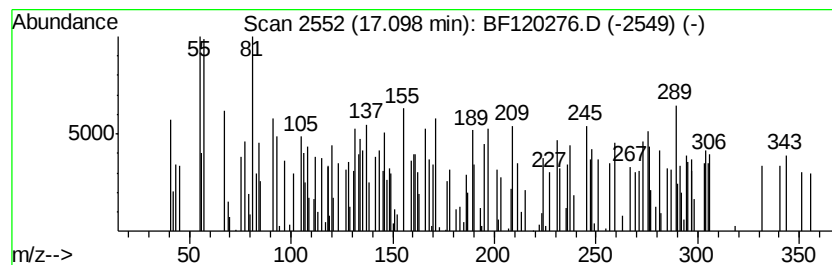
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown17.10 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	4.11 ng	56882	Perylene-d12	15.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Delorazepam	304	C15H10Cl2N2O	002894-67-9	30
2			Benzo[thiophene]-3-carboxaldehyde,...	274	C9H4BrClOS	1000266-56-5	18
3			Bicyclo[12.4.0]octadec-1(14)-ene...	304	C22H40	1000155-97-9	10
4			N-(4-Bromobenzylidene)-p-toluidine	273	C14H12BrN	039128-27-3	10
5			1-Butanol, 4,4'-diselenobis-	306	C8H18O2Se2	023243-48-3	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF050120\
 Data File : BF120276.D
 Acq On : 1 May 2020 23:32
 Operator : MA/SJ
 Sample : L2376-03 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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
Anthracene, 2-met...	11.67	4.5 ng		63062	4	11.17	276900	20.0
Phenanthrene, 1-m...	11.70	9.3 ng		128386	4	11.17	276900	20.0
Phenanthrene, 2-m...	11.75	2.8 ng		38399	4	11.17	276900	20.0
Benzaldehyde, 3,5...	11.79	7.7 ng		106621	4	11.17	276900	20.0
Phenanthrene, 4-m...	11.81	3.7 ng		51067	4	11.17	276900	20.0
9,10-Dimethylanthe...	12.23	5.8 ng		79819	4	11.17	276900	20.0
unknown12.26	12.26	3.0 ng		41892	4	11.17	276900	20.0
unknown12.31	12.31	3.2 ng		44408	4	11.17	276900	20.0
Pyrene, 1-methyl-	12.83	3.0 ng		84397	5	13.81	556603	20.0
Benzo[b]naphtho[2...	13.56	3.0 ng		83959	5	13.81	556603	20.0
1-Decanol, 2-octyl-	13.67	4.1 ng		113403	5	13.81	556603	20.0
Chrysene, 6-methyl-	14.20	3.5 ng		97606	5	13.81	556603	20.0
Nonadecane	14.59	11.2 ng		154411	6	15.22	276984	20.0
Octadecane	14.90	8.1 ng		112566	6	15.22	276984	20.0
Tricosane	15.65	6.8 ng		94261	6	15.22	276984	20.0
Tetradecane	16.11	4.2 ng		58620	6	15.22	276984	20.0
unknown16.63	16.63	4.7 ng		64593	6	15.22	276984	20.0
unknown17.10	17.10	4.1 ng		56882	6	15.22	276984	20.0