

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104020.D
 Acq On : 28 Mar 2018 19:50
 Operator : JU/SJ
 Sample : J2100-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-DB

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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	2.275	28	32	39	rVB	73556	98036	2.37%	0.146%
2	5.210	523	531	541	rBV	60660	108536	2.63%	0.162%
3	5.598	593	597	625	rVV	1399916	2300256	55.71%	3.427%
4	6.598	763	767	782	rBV	1475684	2531920	61.32%	3.772%
5	6.740	787	791	815	rVB	2066982	2809135	68.04%	4.185%
6	6.963	826	829	839	rBV2	476912	797389	19.31%	1.188%
7	7.122	852	856	867	rBV	1485328	1790040	43.35%	2.667%
8	7.528	921	925	935	rBV	1158943	1541944	37.35%	2.297%
9	8.245	1044	1047	1049	rBV	837971	804036	19.47%	1.198%
10	8.269	1049	1051	1058	rVV	454829	551963	13.37%	0.822%
11	8.957	1165	1168	1175	rBV	226319	261048	6.32%	0.389%
12	9.057	1182	1185	1193	rVB	200186	218856	5.30%	0.326%
13	9.316	1225	1229	1238	rBV	2208260	2210828	53.55%	3.294%
14	9.516	1260	1263	1270	rVB2	92662	135021	3.27%	0.201%
15	9.586	1270	1275	1280	rBV	163343	248597	6.02%	0.370%
16	9.657	1283	1287	1290	rVV	197364	239038	5.79%	0.356%
17	9.686	1290	1292	1293	rVV	151889	132582	3.21%	0.198%
18	9.710	1293	1296	1303	rVV	252345	321907	7.80%	0.480%
19	9.775	1303	1307	1315	rVB2	98060	174413	4.22%	0.260%
20	9.863	1319	1322	1327	rVV2	112766	129902	3.15%	0.194%
21	9.910	1327	1330	1333	rVB	138702	113431	2.75%	0.169%
22	10.004	1343	1346	1349	rVV	1046143	993529	24.06%	1.480%
23	10.033	1349	1351	1360	rVB	633142	638619	15.47%	0.951%
24	10.145	1367	1370	1371	rBV	87507	91260	2.21%	0.136%
25	10.210	1376	1381	1384	rVV2	284486	345818	8.38%	0.515%
26	10.239	1384	1386	1389	rVB2	94427	94807	2.30%	0.141%
27	10.410	1410	1415	1422	rBV2	211444	266671	6.46%	0.397%
28	10.510	1428	1432	1435	rBV2	77510	92135	2.23%	0.137%
29	10.557	1435	1440	1445	rVV	516102	593844	14.38%	0.885%
30	10.622	1448	1451	1452	rVV	112257	135598	3.28%	0.202%
31	10.633	1452	1453	1456	rVV2	133528	129276	3.13%	0.193%
32	10.710	1464	1466	1471	rVB	160777	162635	3.94%	0.242%
33	10.798	1476	1481	1487	rBV3	1526349	1934227	46.85%	2.882%
34	10.886	1493	1496	1506	rVB4	169188	324797	7.87%	0.484%

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35	11.104	1527	1533	1536	rBV3	149394	260157	6.30%	0.388%
36	11.133	1536	1538	1542	rBV4	72616	102720	2.49%	0.153%
37	11.227	1549	1554	1556	rBV3	104656	138269	3.35%	0.206%
38	11.251	1556	1558	1563	rVB2	88799	92681	2.24%	0.138%
39	11.304	1563	1567	1570	rBV	83152	97757	2.37%	0.146%
40	11.339	1570	1573	1575	rBV2	160878	181208	4.39%	0.270%
41	11.398	1580	1583	1593	rVB	252585	328065	7.95%	0.489%
42	11.504	1597	1601	1602	rBV	785187	813180	19.70%	1.211%
43	11.533	1602	1606	1611	rVV	3182242	3493837	84.62%	5.205%
44	11.580	1611	1614	1618	rVB	906913	834388	20.21%	1.243%
45	11.739	1635	1641	1643	rBV2	275976	378685	9.17%	0.564%
46	11.763	1643	1645	1648	rVV	125190	119038	2.88%	0.177%
47	11.792	1648	1650	1655	rVV3	94279	105758	2.56%	0.158%
48	12.004	1682	1686	1688	rBV2	595528	641549	15.54%	0.956%
49	12.027	1688	1690	1695	rVB	563475	564562	13.67%	0.841%
50	12.080	1695	1699	1702	rBV	238087	266150	6.45%	0.396%
51	12.116	1702	1705	1707	rBV2	651991	764693	18.52%	1.139%
52	12.233	1723	1725	1728	rBV4	140084	123644	2.99%	0.184%
53	12.269	1728	1731	1733	rBV2	159361	151756	3.68%	0.226%
54	12.298	1733	1736	1739	rVB	334946	304084	7.36%	0.453%
55	12.345	1739	1744	1747	rBV2	283637	391424	9.48%	0.583%
56	12.433	1756	1759	1764	rBV2	266260	324620	7.86%	0.484%
57	12.504	1769	1771	1776	rVB3	81707	89612	2.17%	0.133%
58	12.551	1776	1779	1783	rBV3	264618	350463	8.49%	0.522%
59	12.592	1783	1786	1788	rVV2	124943	149907	3.63%	0.223%
60	12.651	1792	1796	1800	rBV3	132929	192795	4.67%	0.287%
61	12.727	1804	1809	1812	rBV	3173994	3637349	88.10%	5.419%
62	12.874	1831	1834	1836	rBV	130458	109538	2.65%	0.163%
63	12.963	1841	1849	1853	rBV2	2832045	4128858	100.00%	6.151%
64	12.998	1853	1855	1860	rVB2	260643	274178	6.64%	0.408%
65	13.080	1865	1869	1873	rVV2	1264280	1301419	31.52%	1.939%
66	13.116	1873	1875	1879	rVB	164845	154872	3.75%	0.231%
67	13.169	1879	1884	1888	rBV2	267388	429799	10.41%	0.640%
68	13.221	1890	1893	1896	rVB	560743	443861	10.75%	0.661%
69	13.280	1896	1903	1908	rVB3	464883	725572	17.57%	1.081%
70	13.345	1911	1914	1916	rBV	310399	277520	6.72%	0.413%
71	13.386	1916	1921	1923	rVV2	273455	317914	7.70%	0.474%

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72	13.480	1934	1937	1939	rBV	177406	183206	4.44%	0.273%
73	13.510	1939	1942	1947	rVV	241625	285247	6.91%	0.425%
74	13.580	1951	1954	1959	rVB	385651	384276	9.31%	0.572%
75	13.633	1960	1963	1964	rBV	120788	106357	2.58%	0.158%
76	13.657	1964	1967	1970	rBV	241131	221026	5.35%	0.329%
77	13.792	1987	1990	1994	rVB	220605	228119	5.52%	0.340%
78	13.904	2004	2009	2011	rBV2	262612	387638	9.39%	0.577%
79	13.927	2011	2013	2016	rVV	341339	360348	8.73%	0.537%
80	13.963	2016	2019	2023	rVV3	557510	746771	18.09%	1.113%
81	14.004	2024	2026	2033	rVB	204124	264561	6.41%	0.394%
82	14.151	2046	2051	2055	rBV2	1585725	2603550	63.06%	3.879%
83	14.186	2055	2057	2064	rVB	1555536	1489918	36.09%	2.220%
84	14.263	2068	2070	2073	rBV	297690	341880	8.28%	0.509%
85	14.421	2095	2097	2102	rVB3	171412	155263	3.76%	0.231%
86	14.545	2116	2118	2121	rVB	235400	219542	5.32%	0.327%
87	14.915	2178	2181	2185	rVB	373365	353619	8.56%	0.527%
88	15.251	2232	2238	2240	rBV	1029136	1829328	44.31%	2.725%
89	15.357	2253	2256	2261	rVB	215845	277570	6.72%	0.414%
90	15.574	2288	2293	2299	rVB	686810	1021320	24.74%	1.522%
91	15.645	2300	2305	2308	rVV	986009	1530262	37.06%	2.280%
92	15.674	2308	2310	2313	rVV	618580	741920	17.97%	1.105%
93	15.704	2313	2315	2318	rVV	381493	495751	12.01%	0.739%
94	15.739	2319	2321	2330	rVB	333152	436020	10.56%	0.650%
95	16.139	2384	2389	2396	rBV	636119	965652	23.39%	1.439%
96	16.680	2476	2481	2496	rVB	536981	1052986	25.50%	1.569%
97	17.304	2580	2587	2597	rVB2	647863	1743302	42.22%	2.597%
98	17.786	2663	2669	2678	rVB	315442	740689	17.94%	1.103%
99	18.062	2709	2716	2727	rVB2	347669	995493	24.11%	1.483%
100	18.956	2862	2868	2878	rVB3	202371	579668	14.04%	0.864%

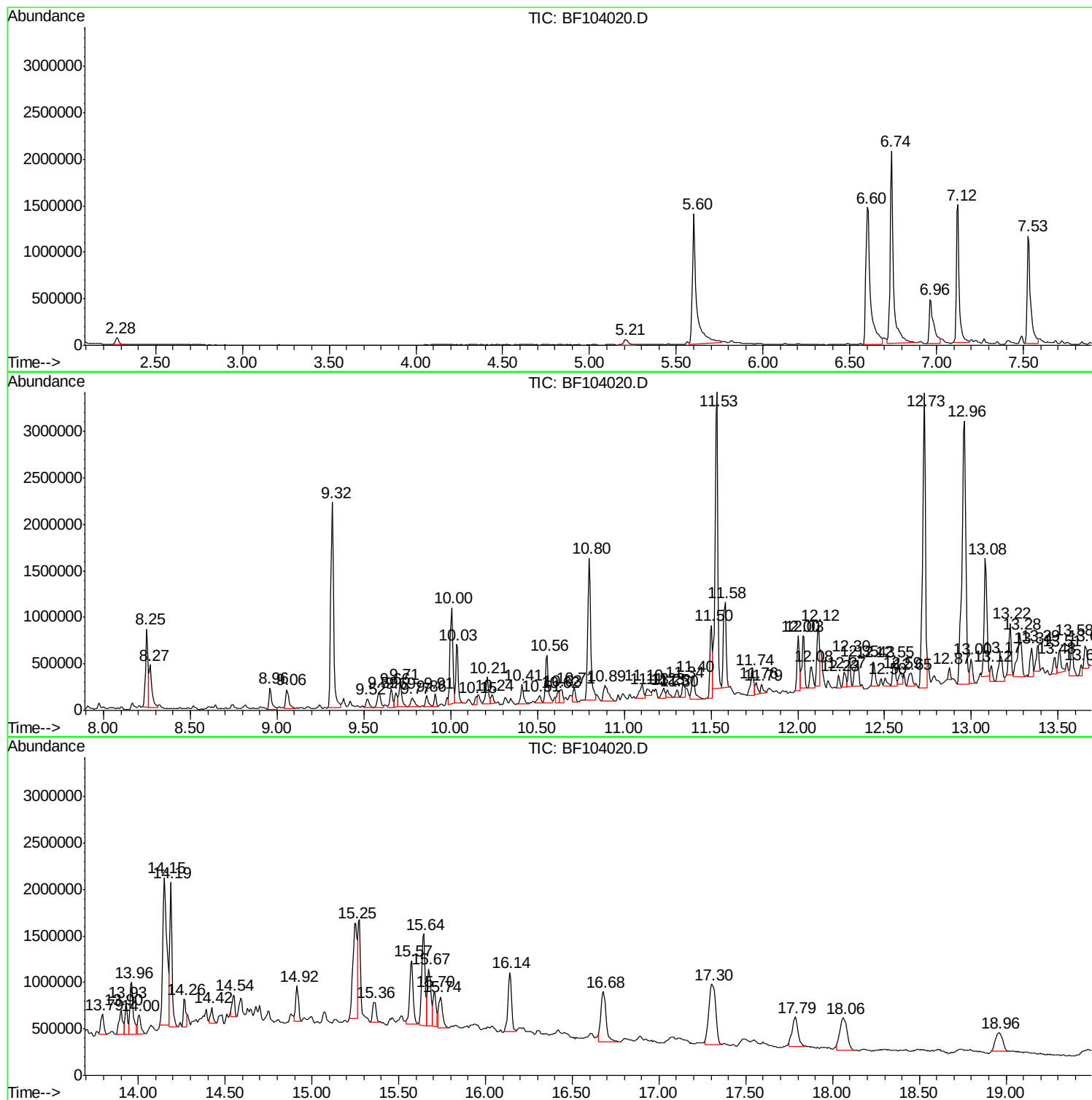
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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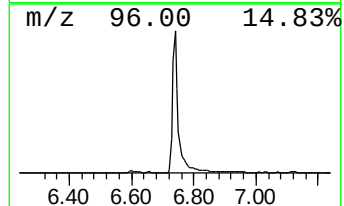
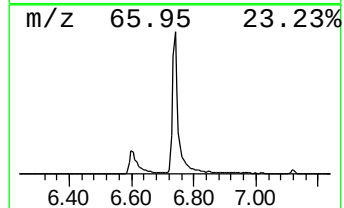
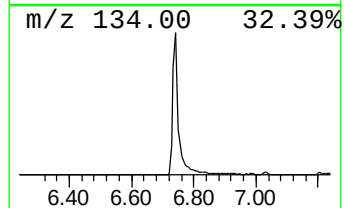
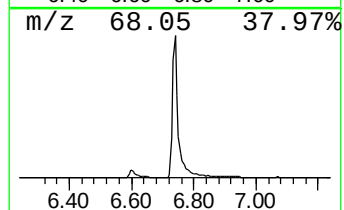
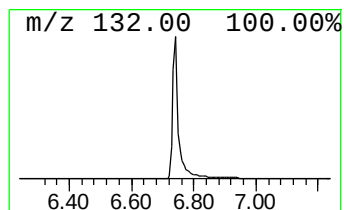
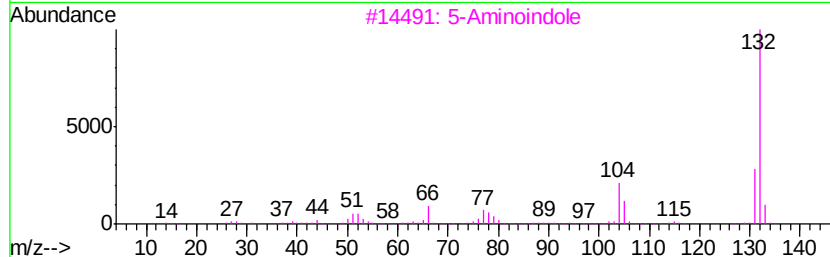
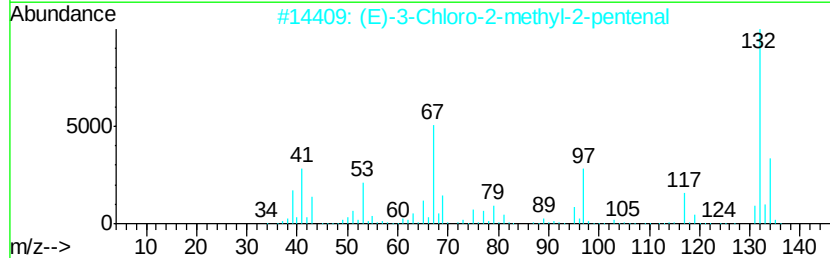
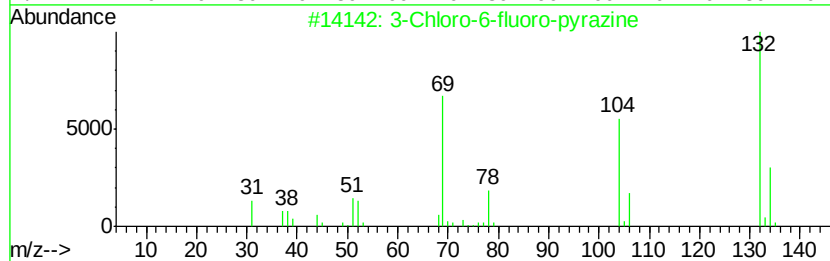
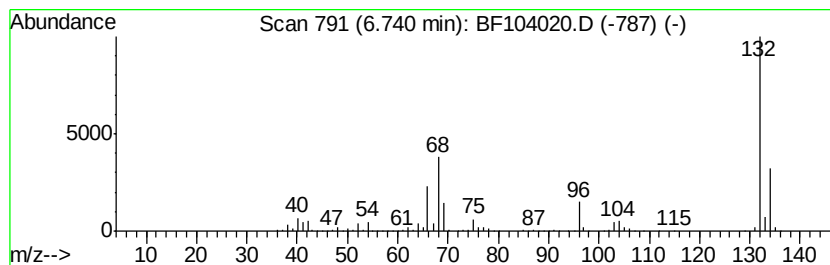
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	70.46 ng	2809140	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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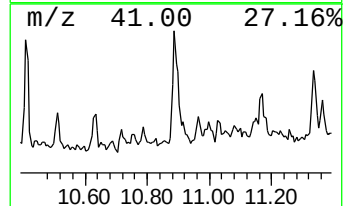
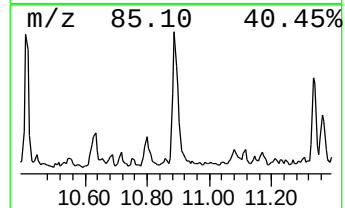
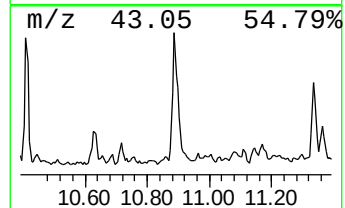
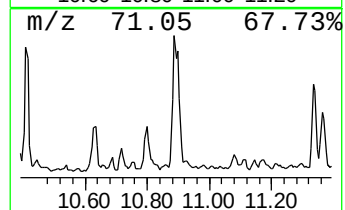
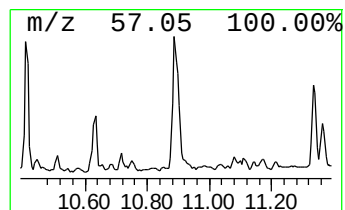
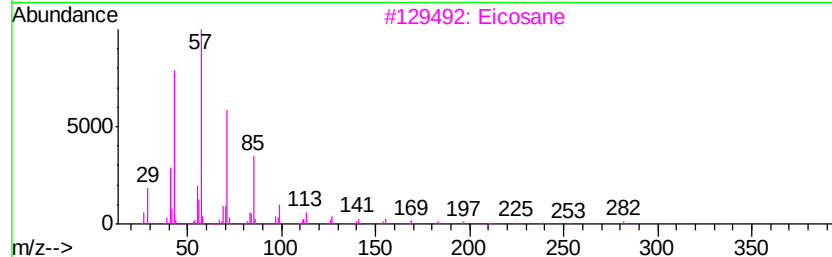
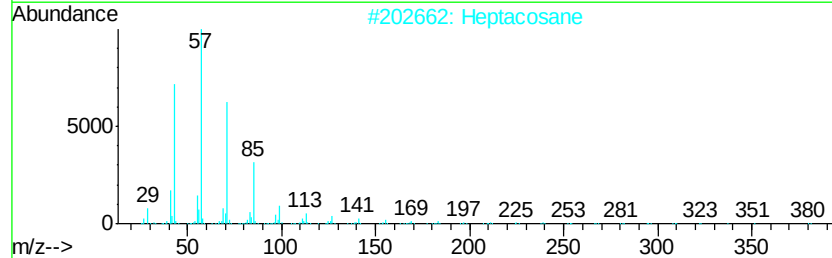
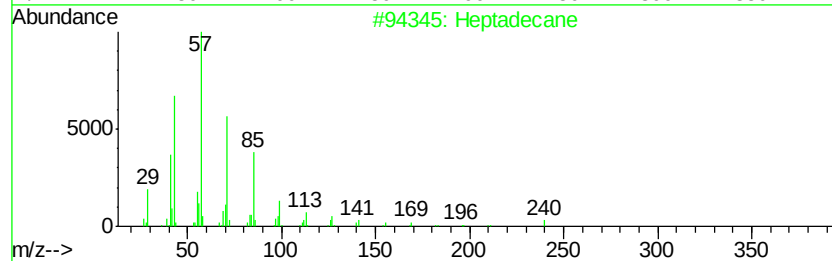
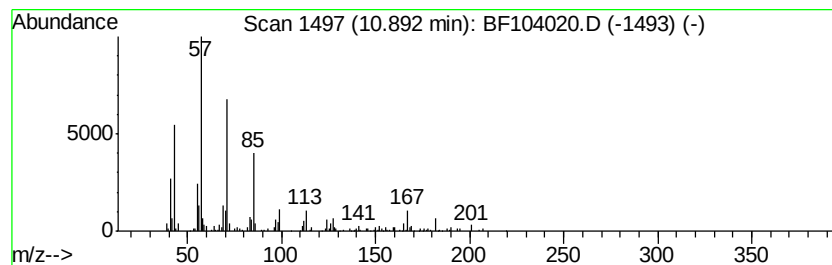
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Heptadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	7.99 ng	324797	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	91
2		Heptacosane	380	C27H56	000593-49-7	87
3		Eicosane	282	C20H42	000112-95-8	86
4		Octadecane	254	C18H38	000593-45-3	86
5		Hexadecane	226	C16H34	000544-76-3	86



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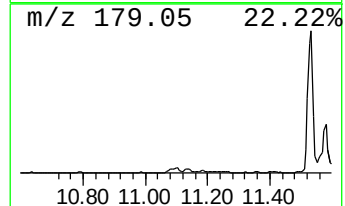
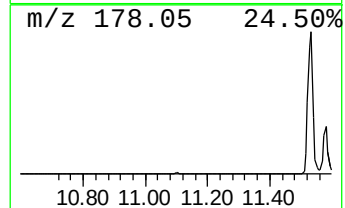
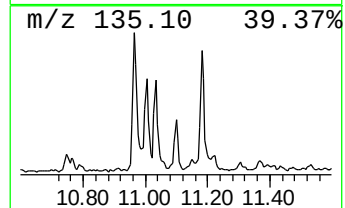
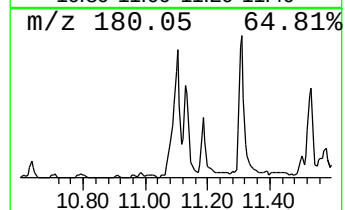
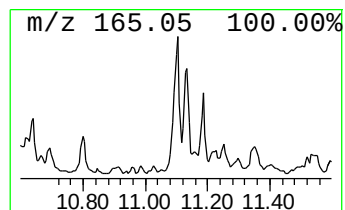
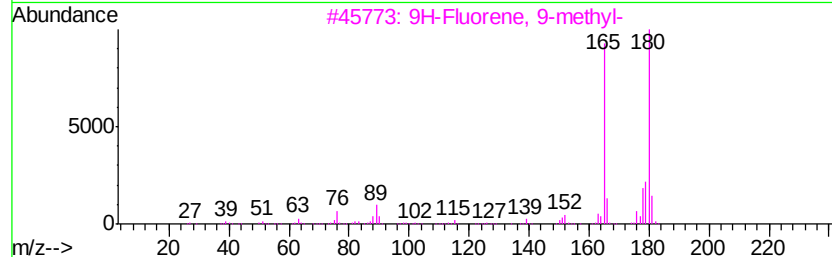
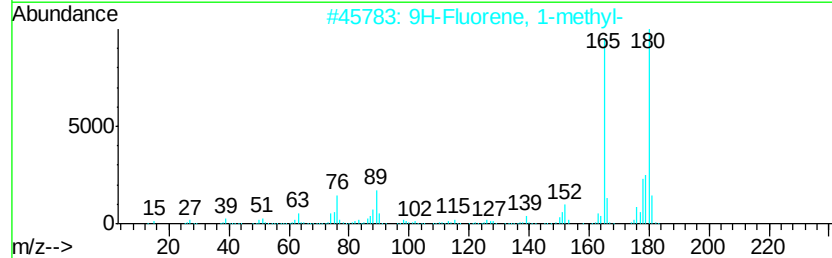
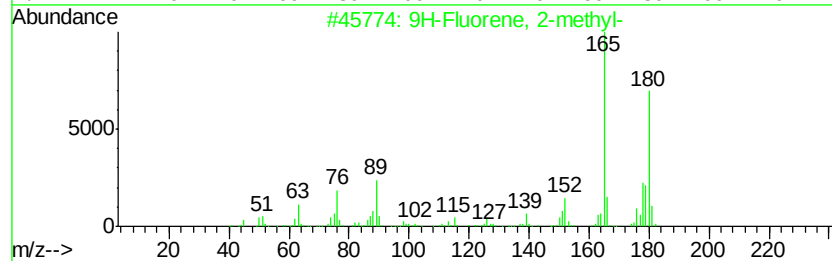
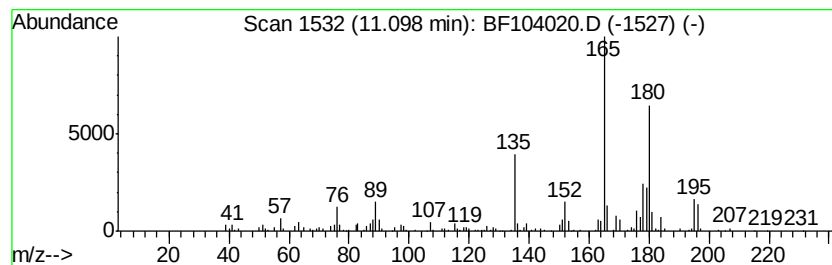
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Peak Number 4 9H-Fluorene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	6.40 ng	260157	Phenanthrene-d10	11.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95	
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94	
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	78	
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	78	
5	Benzoic acid, 2,6-dimethoxy-, me...	196	C10H12O4	002065-27-2	38	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104020.D
Acq On : 28 Mar 2018 19:50
Operator : JU/SJ
Sample : J2100-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5-DB

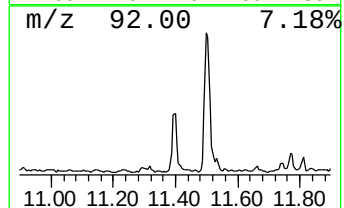
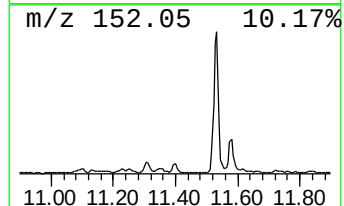
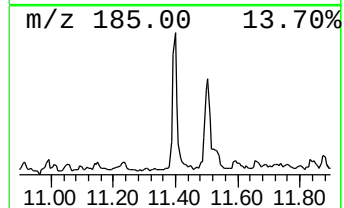
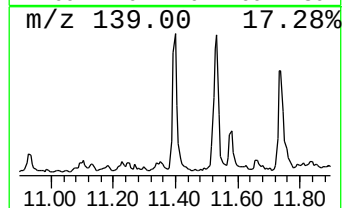
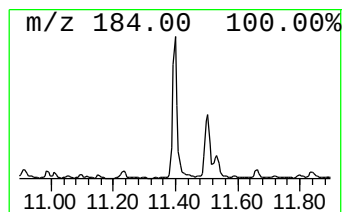
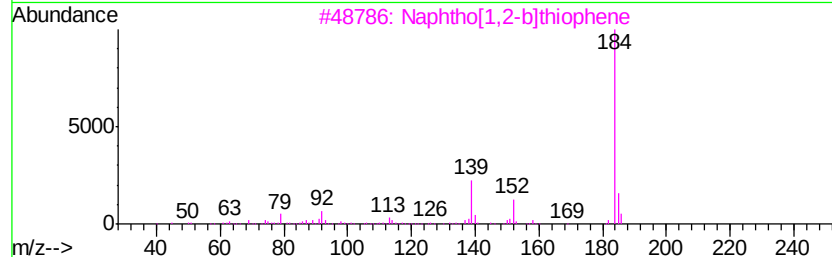
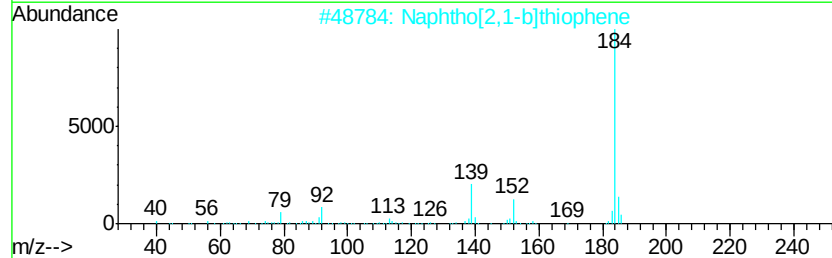
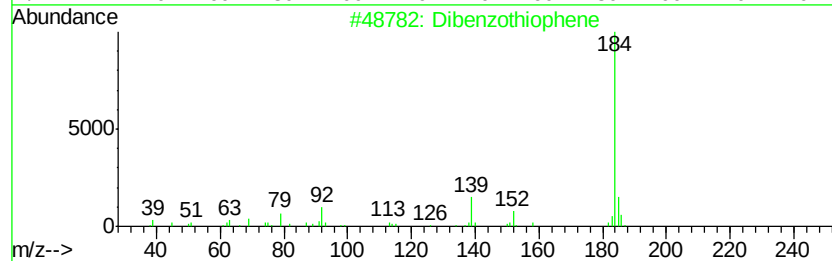
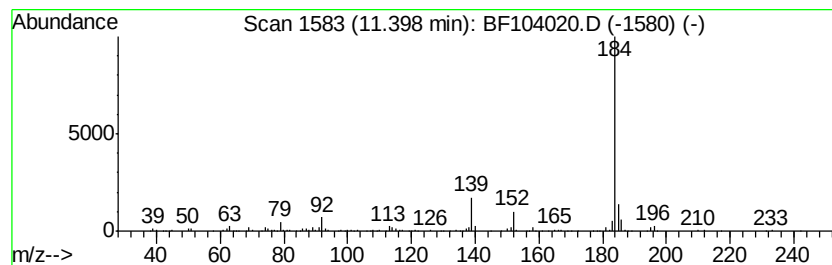
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	8.07 ng	328065	Phenanthrene-d10	11.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenzothiophene	184	C12H8S	000132-65-0	97
2		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104020.D
Acq On : 28 Mar 2018 19:50
Operator : JU/SJ
Sample : J2100-04
Misc :
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Instrument :
BNA_F
ClientSampleId :
TP-5-DB

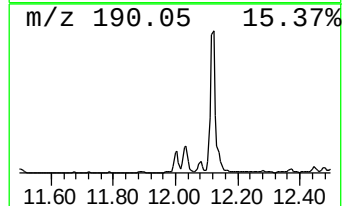
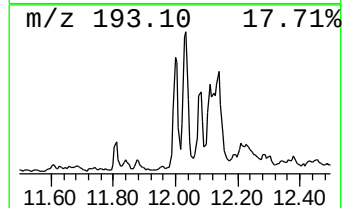
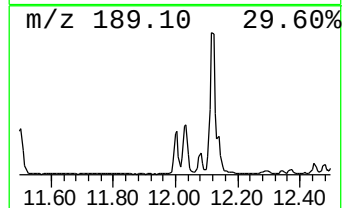
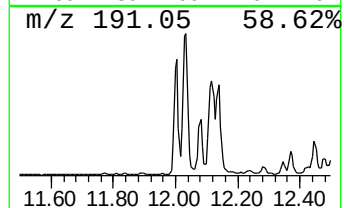
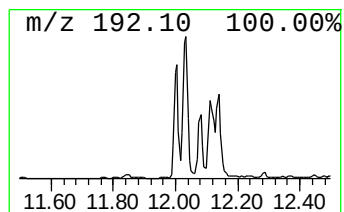
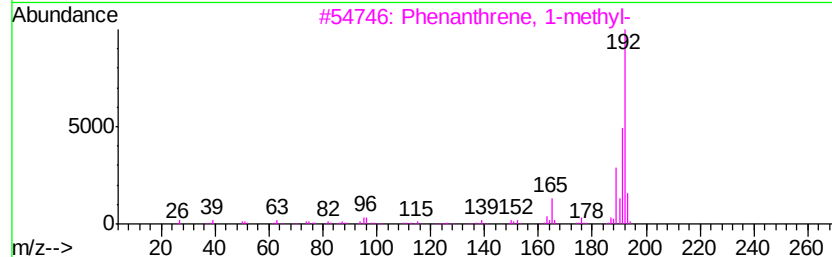
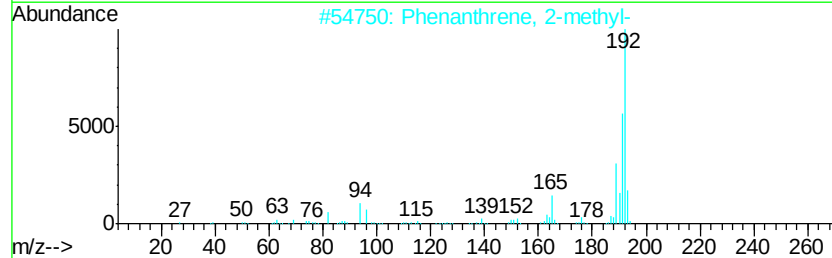
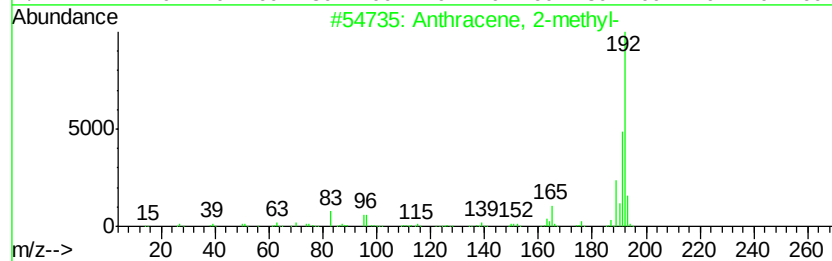
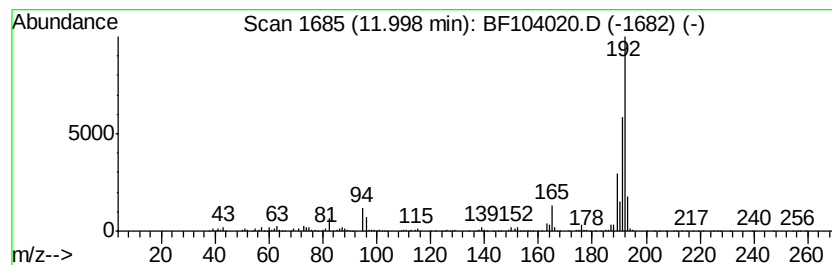
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	15.78 ng	641549	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
5		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032818\
Data File : BF104020.D
Acq On : 28 Mar 2018 19:50
Operator : JU/SJ
Sample : J2100-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5-DB

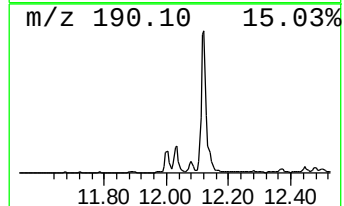
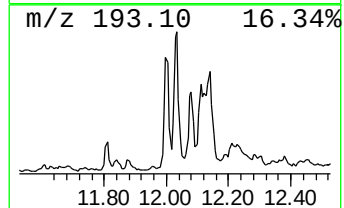
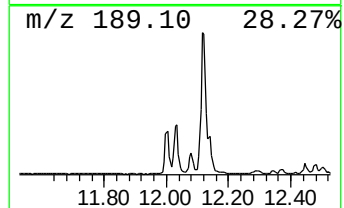
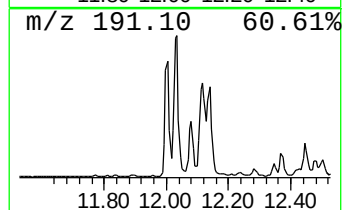
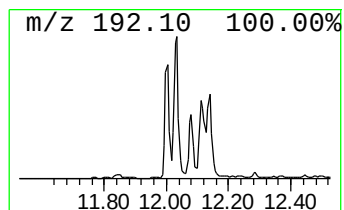
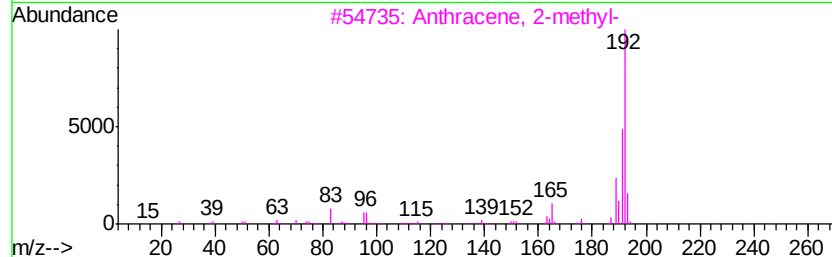
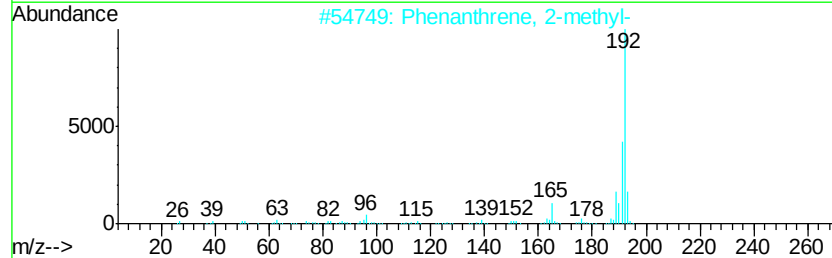
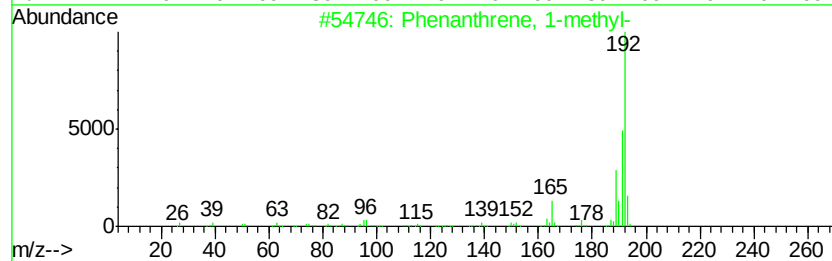
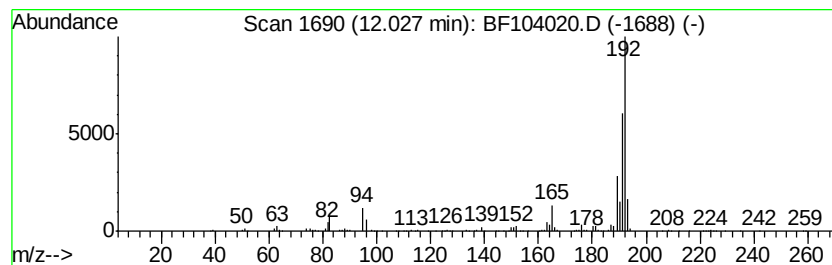
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	13.89 ng	564562	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104020.D
Acq On : 28 Mar 2018 19:50
Operator : JU/SJ
Sample : J2100-04
Misc :
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Instrument :
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ClientSampleId :
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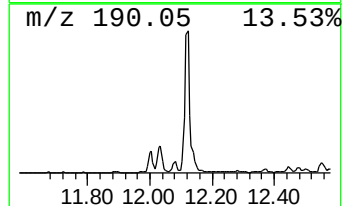
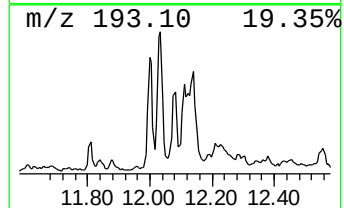
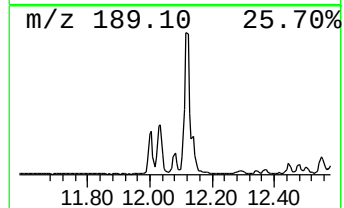
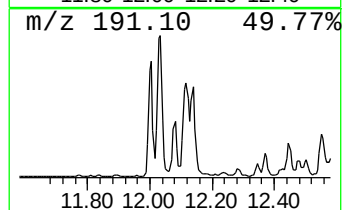
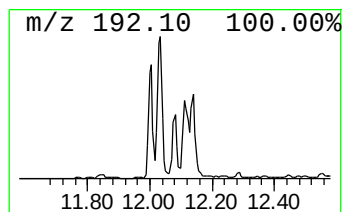
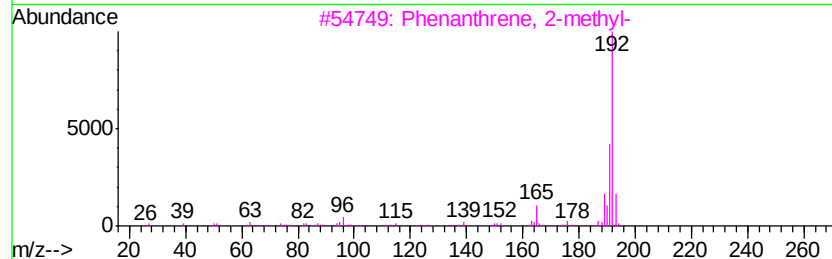
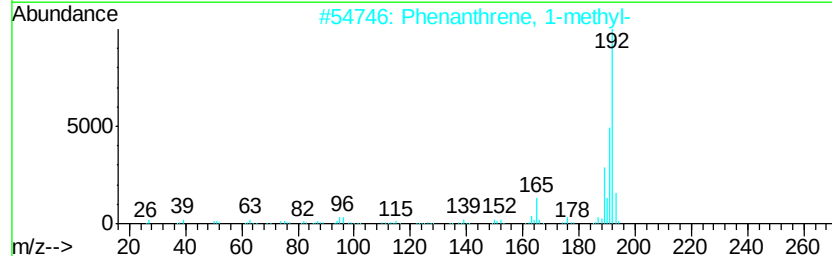
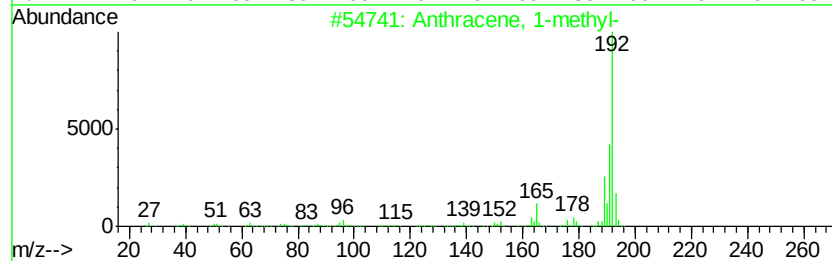
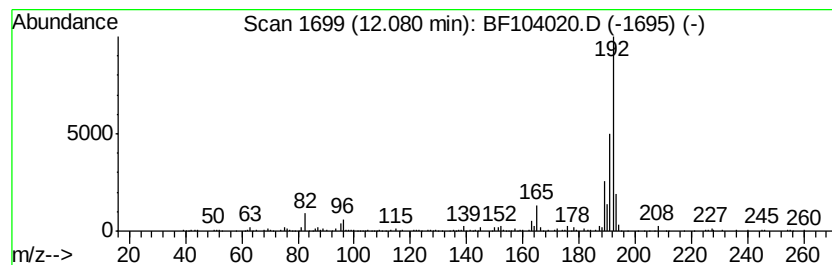
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	6.55 ng	266150	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	96
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104020.D
Acq On : 28 Mar 2018 19:50
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Sample : J2100-04
Misc :
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ClientSampleId :
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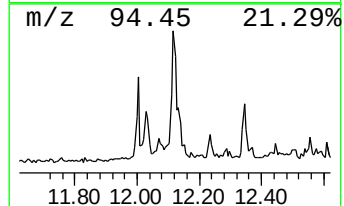
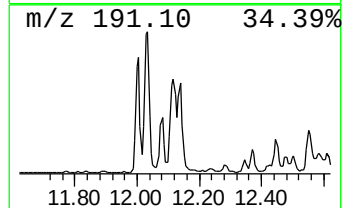
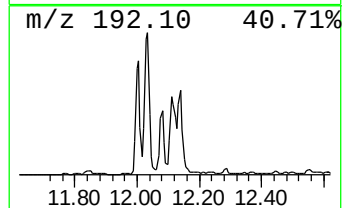
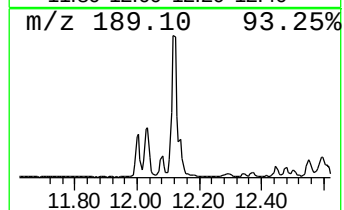
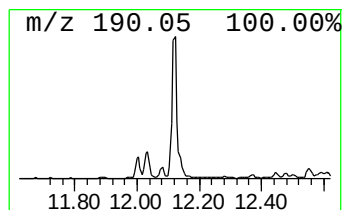
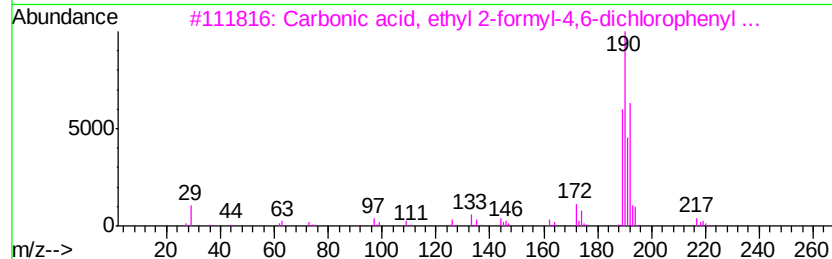
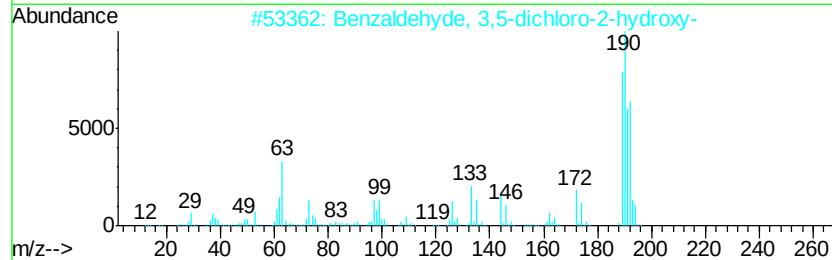
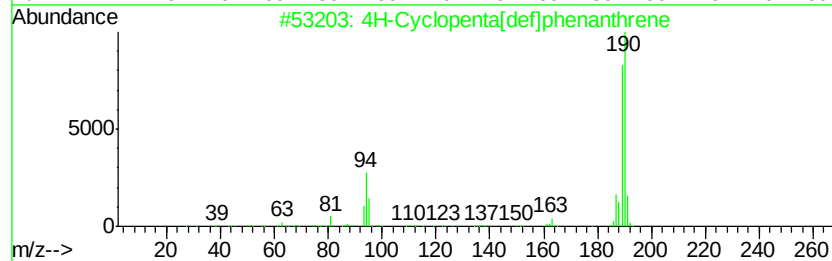
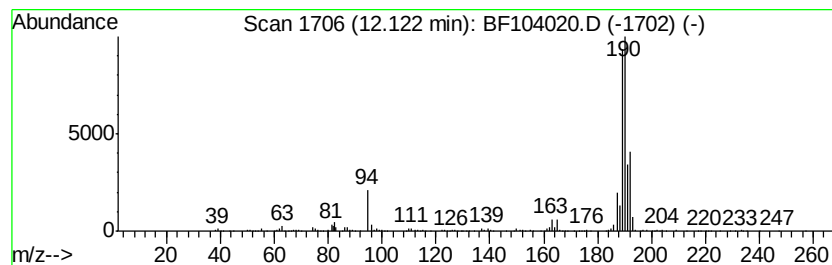
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	18.81 ng	764693	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3		Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5		Methyl diselenide	190	C2H6Se2	007101-31-7	41



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104020.D
Acq On : 28 Mar 2018 19:50
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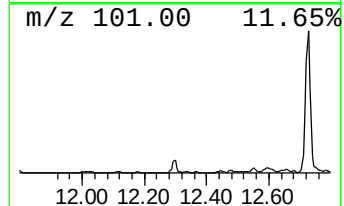
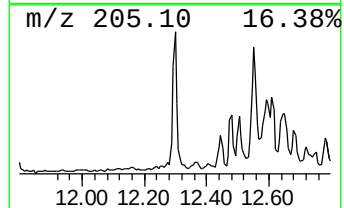
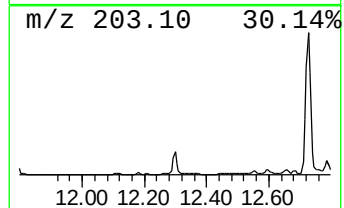
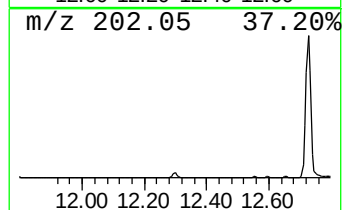
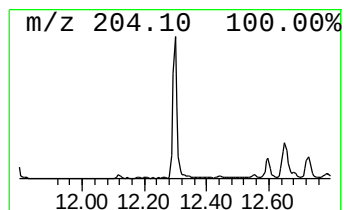
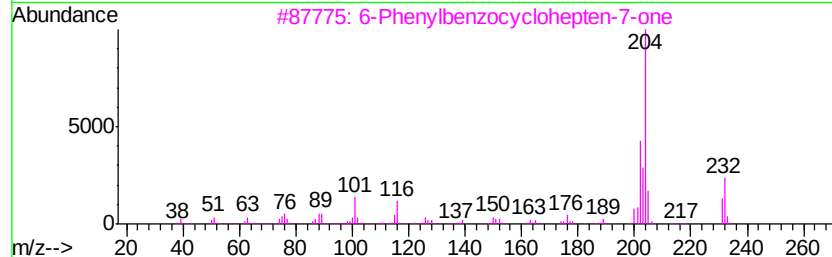
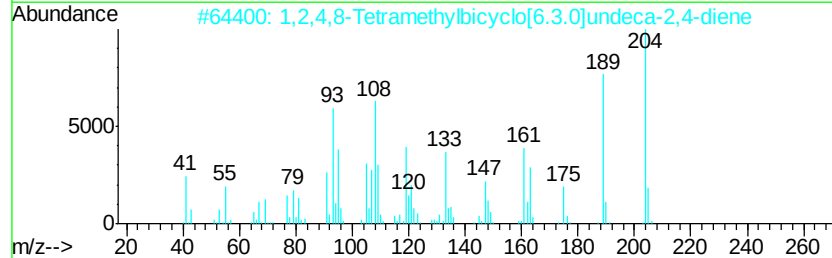
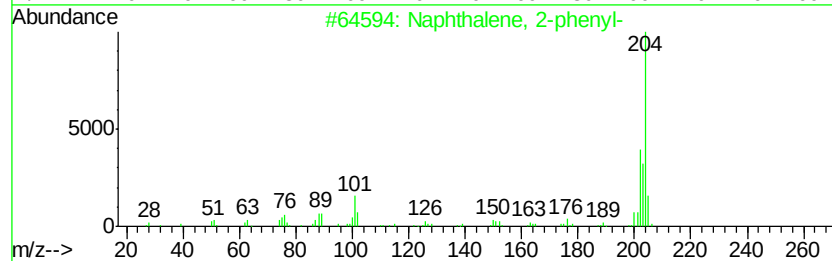
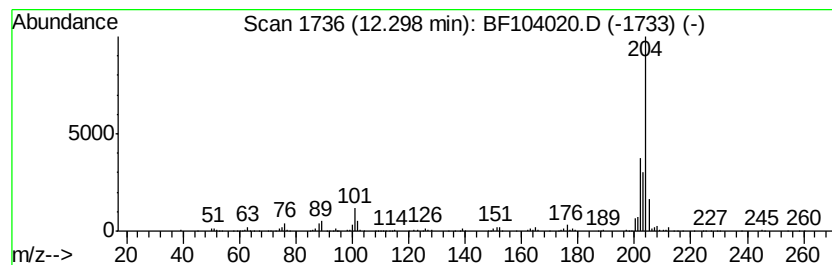
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	7.48 ng	304084	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	90
3		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
4		5,16[1',2'1:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
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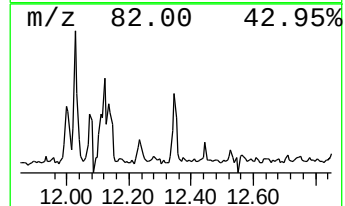
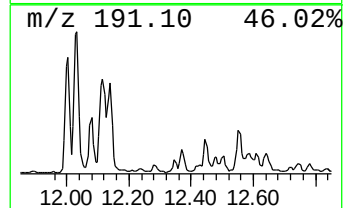
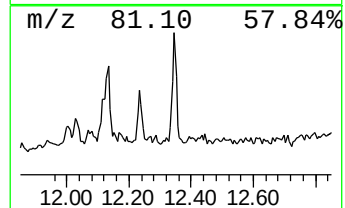
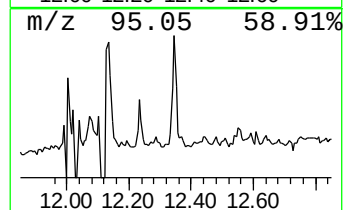
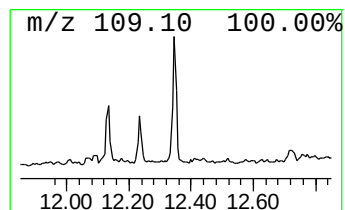
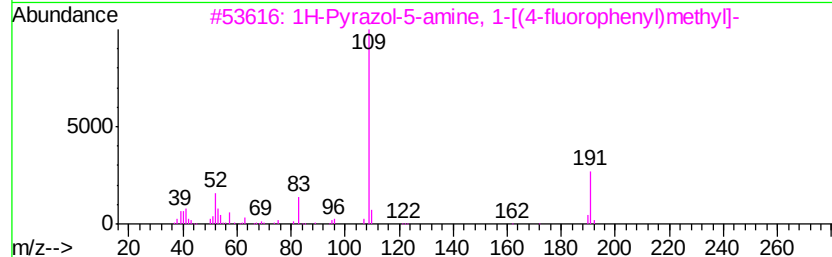
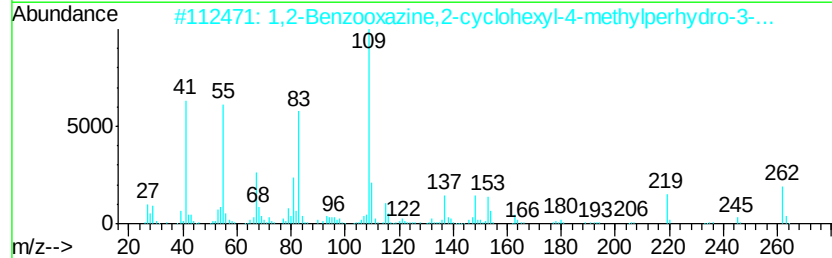
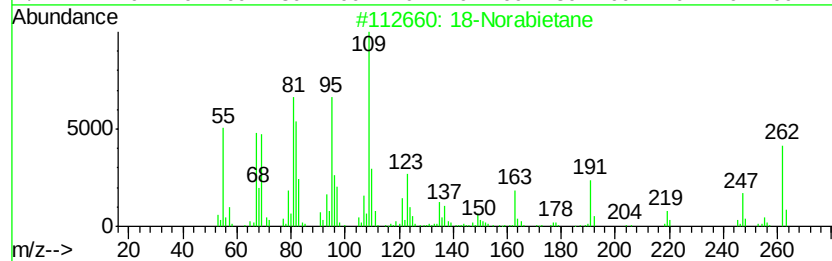
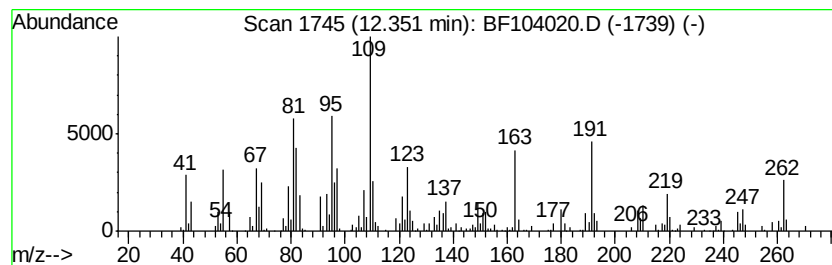
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 18-Norabietane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	9.63 ng	391424	Phenanthrene-d10	11.50
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	18-Norabietane	262	C19H34	1000293-16-6 93
2	1,2-Benzooxazine,2-cyclohexyl-4-...	262	C16H26N2O	037898-39-8 41
3	1H-Pyrazol-5-amine, 1-[(4-fluoro...	191	C10H10FN3	1000362-66-0 35
4	1(3H)-Isobenzofuranone, 3a,4,5,7...	182	C10H14O3	054346-06-4 27
5	Cyclohexanemethanol, 3,3-dimethy...	212	C13H24O2	072541-28-7 27



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Acq On : 28 Mar 2018 19:50
Operator : JU/SJ
Sample : J2100-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

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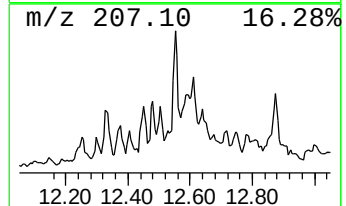
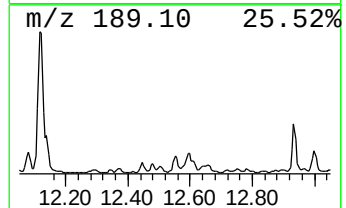
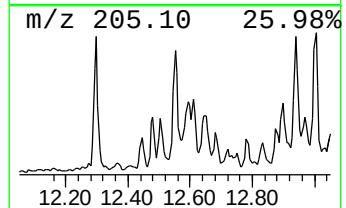
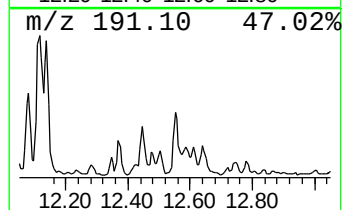
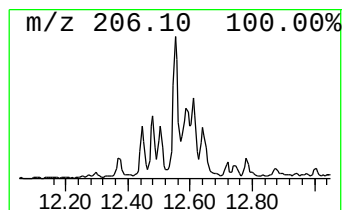
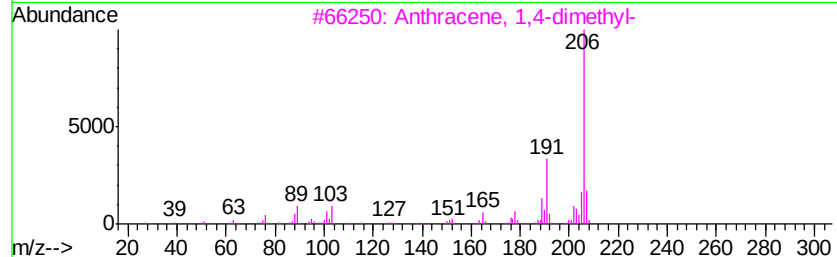
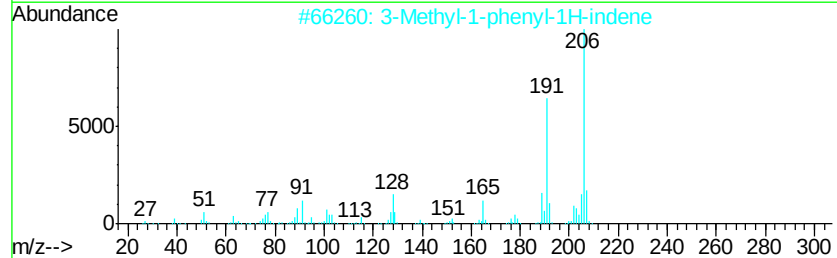
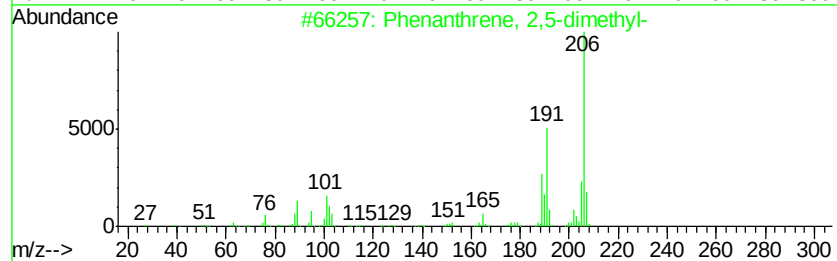
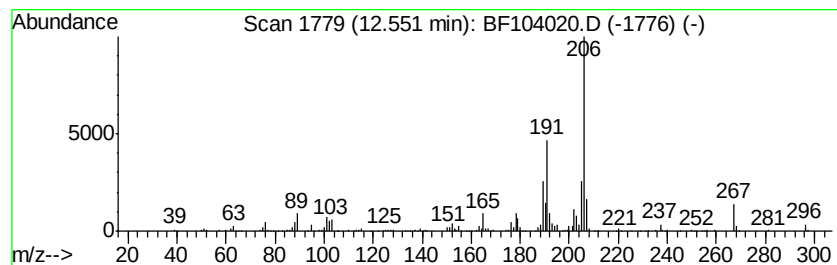
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	8.62 ng	350463	Phenanthrene-d10	11.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2			3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	93
3			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4			di-p-Tolylacetylene	206	C16H14	002789-88-0	92
5			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90



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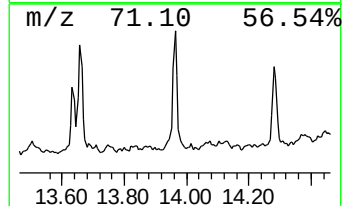
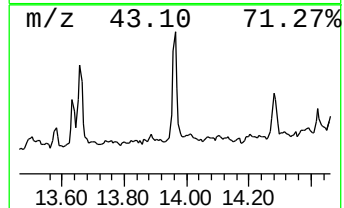
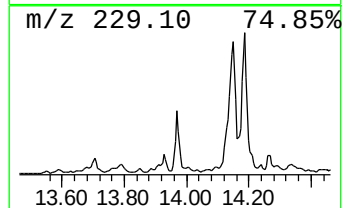
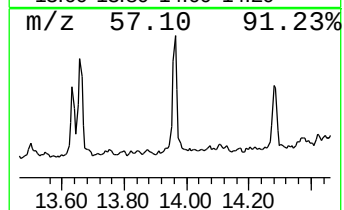
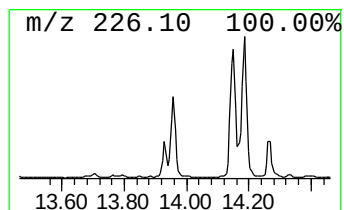
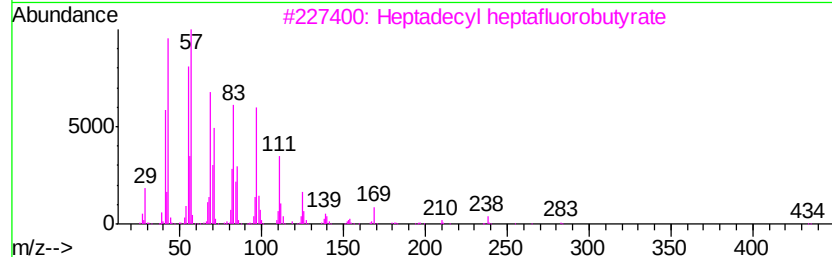
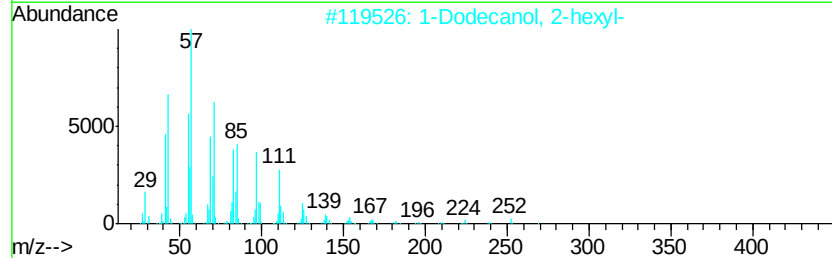
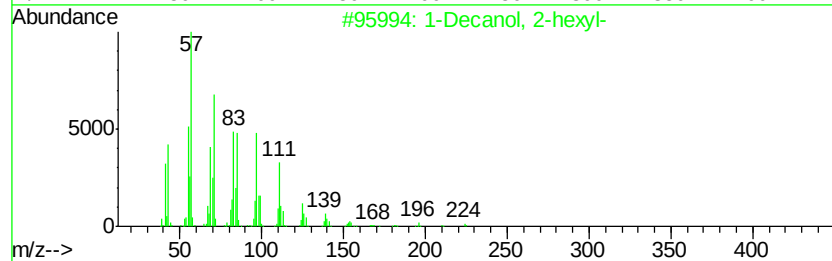
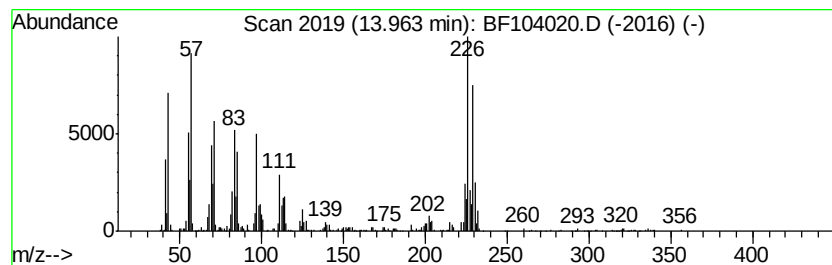
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown13.96 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	5.74 ng	746771	Chrysene-d12	14.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	35
2			1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	35
3			Heptadecyl heptafluorobutyrat	452	C21H35F7O2	959085-66-6	25
4			Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	25
5			1-Octadecanol	270	C18H38O	000112-92-5	25



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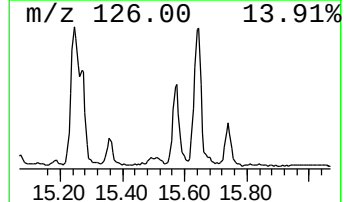
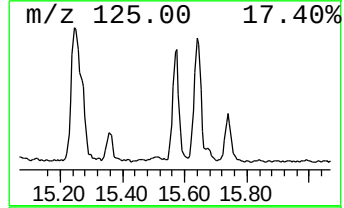
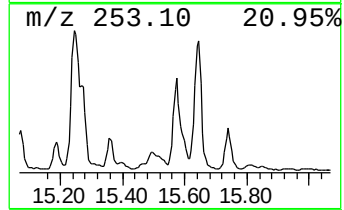
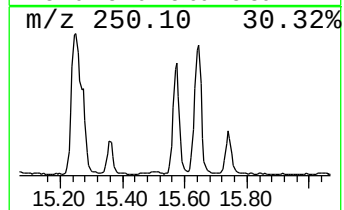
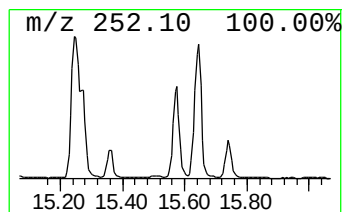
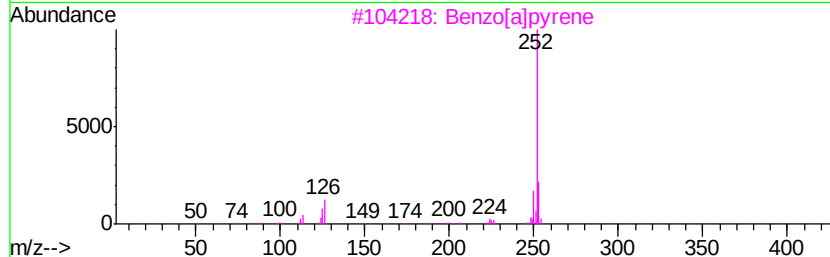
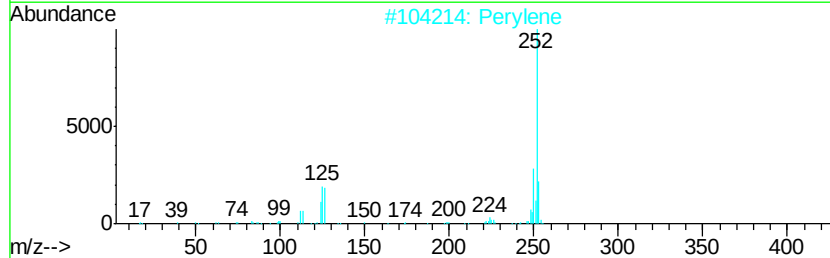
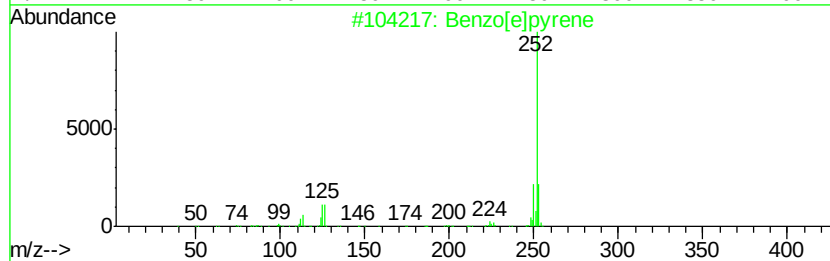
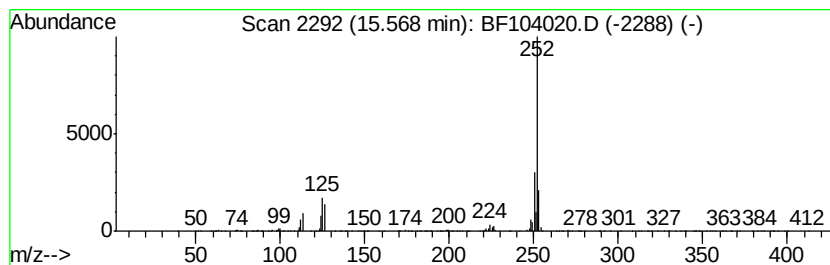
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	41.20 ng	1021320	Perylene-d12	15.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Perylene	252	C20H12	000198-55-0	98
3			Benzo[a]pyrene	252	C20H12	000050-32-8	97
4			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



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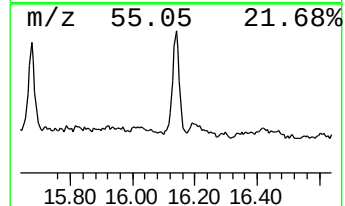
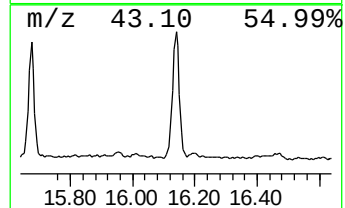
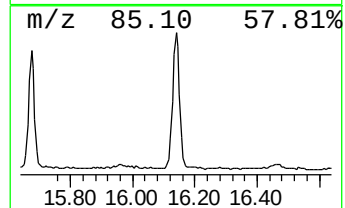
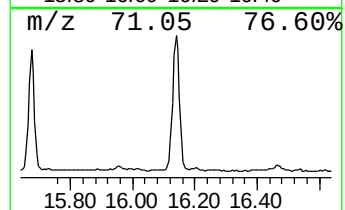
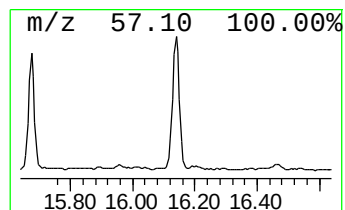
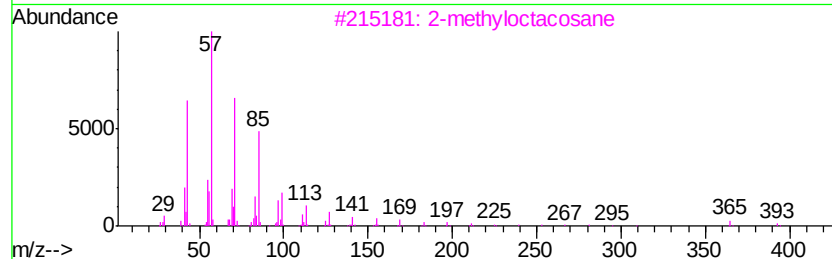
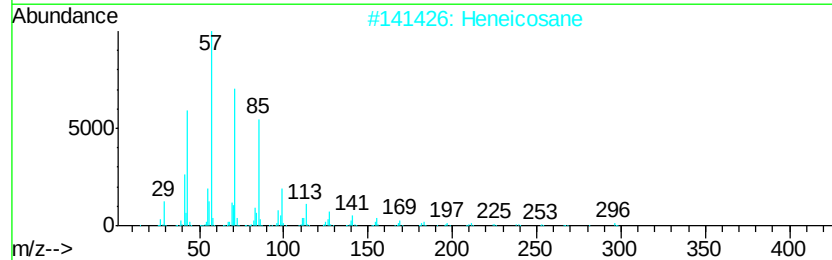
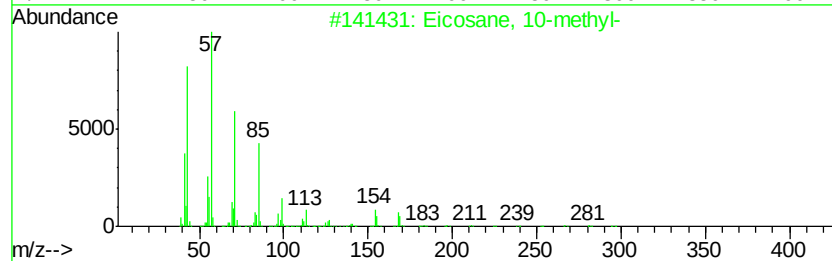
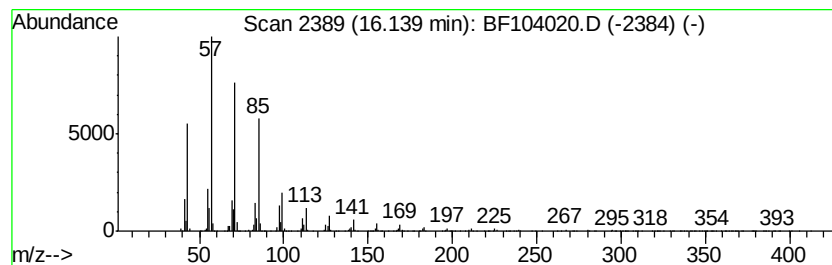
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Eicosane, 10-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	38.96 ng	965652	Perylene-d12	15.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90



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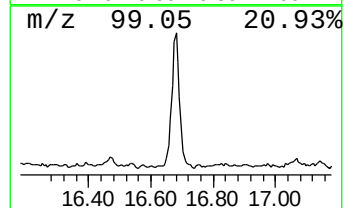
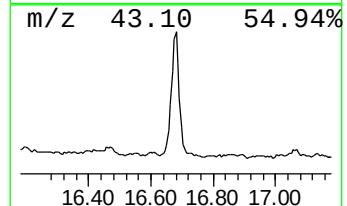
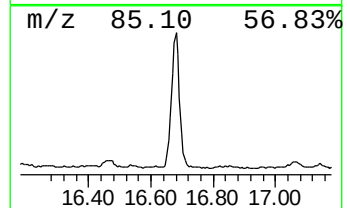
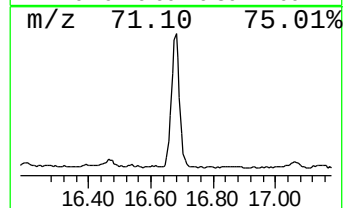
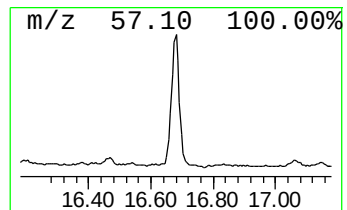
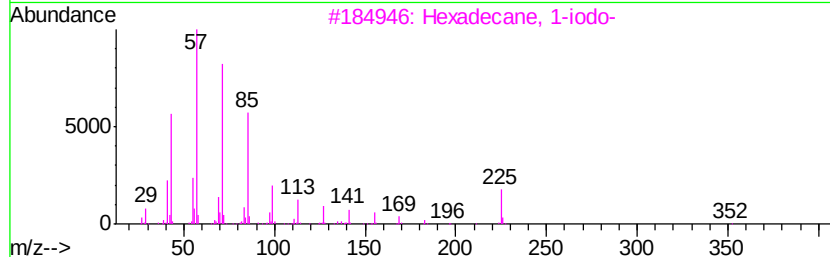
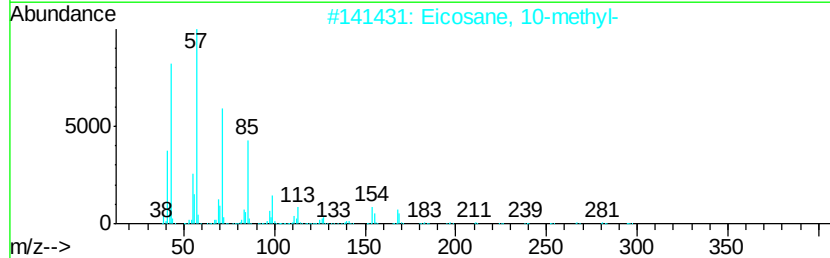
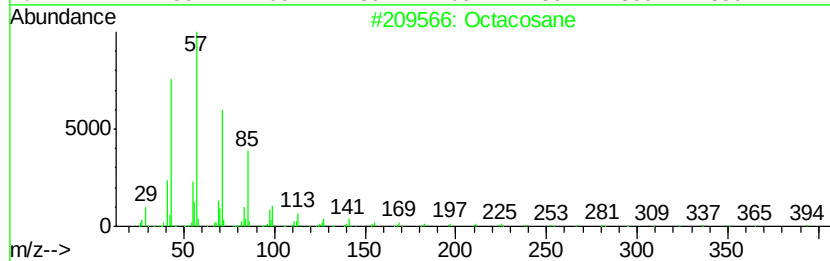
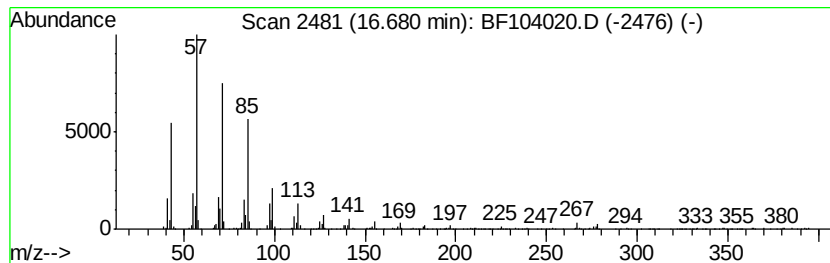
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	42.48 ng	1052990	Perylene-d12	15.70
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octacosane	394 C28H58	000630-02-4	94
2	Eicosane, 10-methyl-	296 C21H44	054833-23-7	94
3	Hexadecane, 1-iodo-	352 C16H33I	000544-77-4	93
4	Nonadecane	268 C19H40	000629-92-5	91
5	2-methyloctacosane	408 C29H60	1000376-72-8	91



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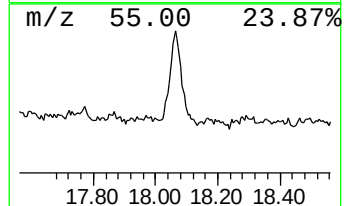
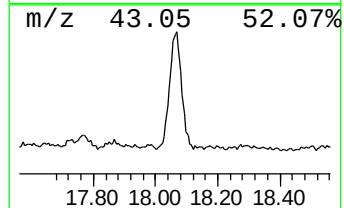
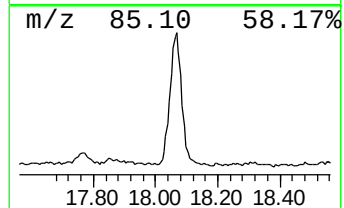
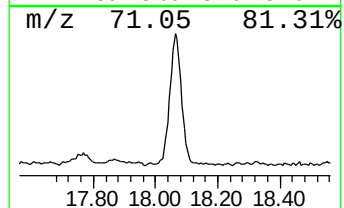
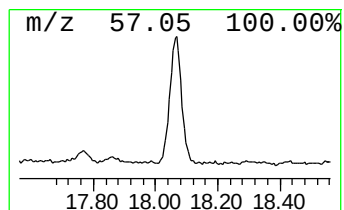
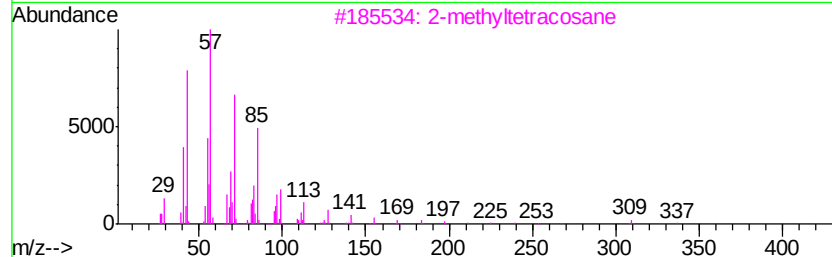
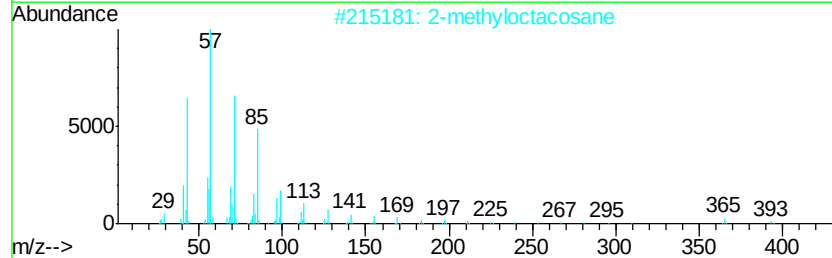
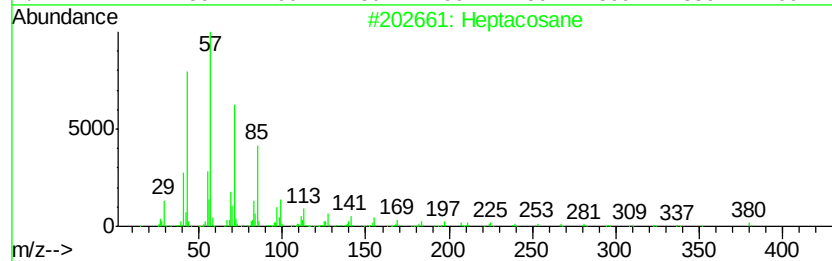
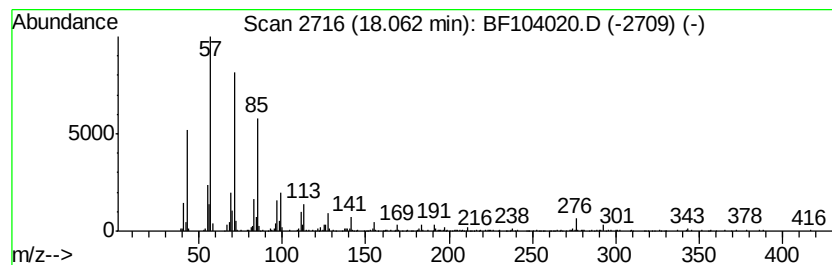
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	40.16 ng	995493	Perylene-d12	15.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		2-methyltetracosane	352	C25H52	1000376-72-6	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90



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ALS Vial : 14 Sample Multiplier: 1

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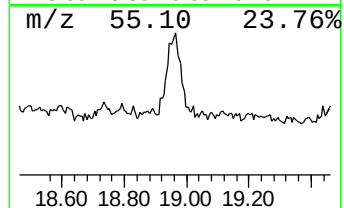
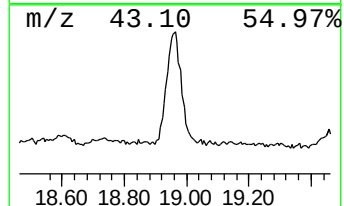
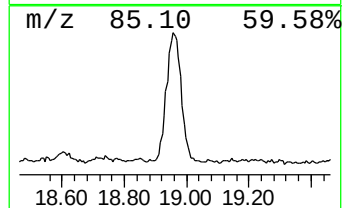
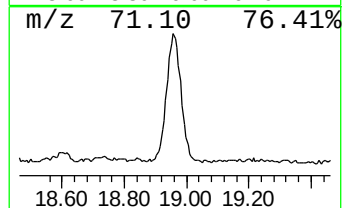
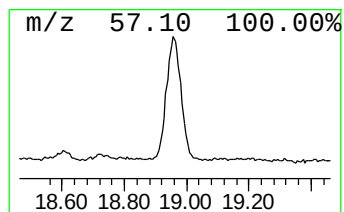
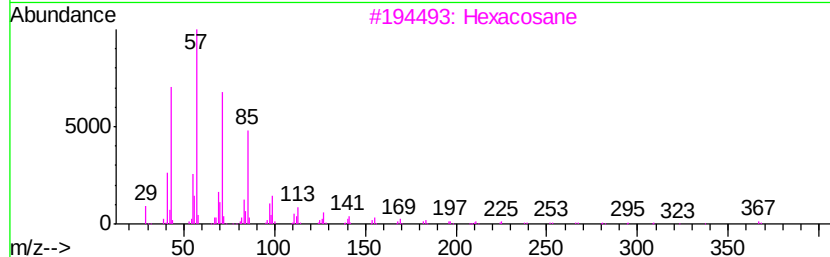
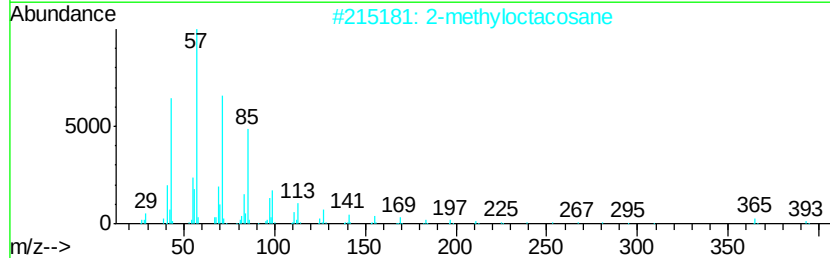
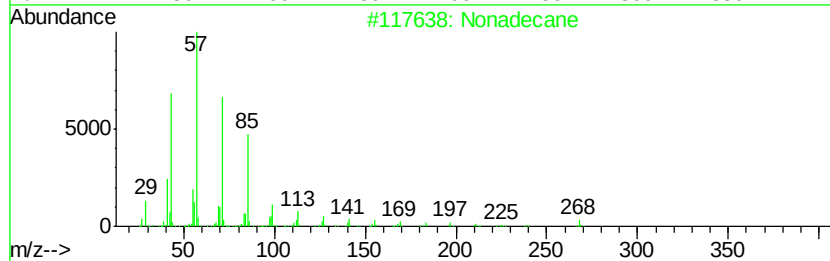
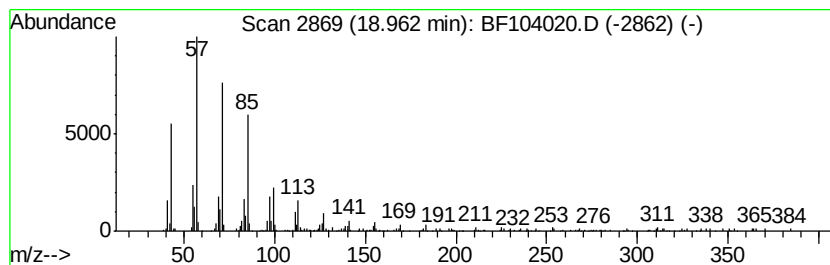
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	23.39 ng	579668	Perylene-d12	15.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		triacontane	422	C30H62	000638-68-6	91
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032818\
 Data File : BF104020.D
 Acq On : 28 Mar 2018 19:50
 Operator : JU/SJ
 Sample : J2100-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-DB

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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
unknown6.74	6.74	70.5	ng	2809140	1	6.96	797389	20.0
Heptadecane	10.89	8.0	ng	324797	4	11.50	813180	20.0
9H-Fluorene, 2-me...	11.10	6.4	ng	260157	4	11.50	813180	20.0
Dibenzothiophene	11.40	8.1	ng	328065	4	11.50	813180	20.0
Anthracene, 2-met...	12.00	15.8	ng	641549	4	11.50	813180	20.0
Phenanthrene, 1-m...	12.03	13.9	ng	564562	4	11.50	813180	20.0
Anthracene, 1-met...	12.08	6.5	ng	266150	4	11.50	813180	20.0
4H-Cyclopenta[def...	12.12	18.8	ng	764693	4	11.50	813180	20.0
Naphthalene, 2-ph...	12.30	7.5	ng	304084	4	11.50	813180	20.0
18-Norabietane	12.35	9.6	ng	391424	4	11.50	813180	20.0
4b,8-Dimethyl-2-i...	12.43	8.0	ng	324620	4	11.50	813180	20.0
Phenanthrene, 2,5...	12.55	8.6	ng	350463	4	11.50	813180	20.0
unknown13.96	13.96	5.7	ng	746771	5	14.16	2603550	20.0
Benzo[e]pyrene	15.57	41.2	ng	1021320	6	15.70	495751	20.0
Eicosane, 10-methyl-	16.14	39.0	ng	965652	6	15.70	495751	20.0
Octacosane	16.68	42.5	ng	1052990	6	15.70	495751	20.0
Heptacosane	18.06	40.2	ng	995493	6	15.70	495751	20.0
Nonadecane	18.96	23.4	ng	579668	6	15.70	495751	20.0