

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111341.D
 Acq On : 13 Dec 2018 00:18
 Operator : JU/SJ
 Sample : J6194-05 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-121118

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-BF121218.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	4.987	489	493	500	rVB	115012	127327	1.86%	0.198%
2	5.410	561	565	578	rBV	2572734	2440911	35.66%	3.805%
3	6.422	733	737	751	rVB	2536178	2674482	39.08%	4.169%
4	6.563	757	761	769	rBV	2931169	2436989	35.61%	3.799%
5	6.792	797	800	804	rBV	1463802	1289629	18.84%	2.010%
6	6.951	823	827	830	rBV	2269287	1831025	26.75%	2.854%
7	7.351	889	895	901	rBV	1569078	1383791	20.22%	2.157%
8	7.404	901	904	907	rVB	114704	93003	1.36%	0.145%
9	7.816	969	974	976	rBV3	58477	92483	1.35%	0.144%
10	8.075	1014	1018	1021	rBV	1836655	1681634	24.57%	2.621%
11	8.586	1101	1105	1108	rBV2	89190	92790	1.36%	0.145%
12	8.681	1117	1121	1124	rBV	292603	252387	3.69%	0.393%
13	8.792	1135	1140	1145	rVB2	142563	159692	2.33%	0.249%
14	8.886	1152	1156	1161	rBV2	122665	183743	2.68%	0.286%
15	9.151	1198	1201	1206	rVB	2735015	2112935	30.87%	3.294%
16	9.245	1213	1217	1222	rBV2	359548	332691	4.86%	0.519%
17	9.416	1240	1246	1250	rBV3	95516	148038	2.16%	0.231%
18	9.492	1254	1259	1261	rBV2	136141	141410	2.07%	0.220%
19	9.545	1266	1268	1273	rBV3	191812	277337	4.05%	0.432%
20	9.692	1290	1293	1298	rVB	267720	233652	3.41%	0.364%
21	9.775	1304	1307	1311	rVB	371653	305408	4.46%	0.476%
22	9.833	1311	1317	1320	rBV	1761004	1581763	23.11%	2.466%
23	9.863	1320	1322	1326	rVB	385073	290238	4.24%	0.452%
24	10.033	1349	1351	1354	rVB	239419	190234	2.78%	0.297%
25	10.151	1365	1371	1374	rBV4	77717	116759	1.71%	0.182%
26	10.275	1388	1392	1396	rVB2	344343	308459	4.51%	0.481%
27	10.375	1407	1409	1416	rVB	333983	349680	5.11%	0.545%
28	10.445	1416	1421	1423	rBV2	72101	91663	1.34%	0.143%
29	10.492	1426	1429	1432	rVV2	144538	130330	1.90%	0.203%
30	10.616	1446	1450	1454	rBV	1565078	1360374	19.88%	2.121%
31	10.745	1469	1472	1479	rVB	486712	474473	6.93%	0.740%
32	10.928	1499	1503	1506	rBV4	84529	125532	1.83%	0.196%
33	11.075	1523	1528	1533	rVV6	76664	135492	1.98%	0.211%
34	11.116	1533	1535	1540	rVB3	99242	114840	1.68%	0.179%

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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-BF121218.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.192	1546	1548	1550	rBV	338357	267434	3.91%	0.417%
36	11.210	1550	1551	1558	rVB2	200149	251119	3.67%	0.391%
37	11.316	1565	1569	1571	rBV	1695905	1501672	21.94%	2.341%
38	11.339	1571	1573	1577	rVV	2373294	1851678	27.05%	2.887%
39	11.392	1577	1582	1585	rVV	634016	625295	9.14%	0.975%
40	11.422	1585	1587	1592	rVB4	86384	117416	1.72%	0.183%
41	11.539	1603	1607	1610	rBV	250029	285929	4.18%	0.446%
42	11.622	1617	1621	1623	rBV2	277425	278123	4.06%	0.434%
43	11.645	1623	1625	1628	rVB2	217060	191184	2.79%	0.298%
44	11.716	1634	1637	1644	rVB	2715683	2373067	34.67%	3.699%
45	11.816	1651	1654	1657	rBV	418766	392022	5.73%	0.611%
46	11.845	1657	1659	1663	rVB	723490	593839	8.68%	0.926%
47	11.892	1664	1667	1669	rVV	216469	182404	2.67%	0.284%
48	11.927	1669	1673	1676	rVV	784404	859252	12.55%	1.339%
49	11.951	1676	1677	1682	rVB	351052	225308	3.29%	0.351%
50	12.027	1687	1690	1692	rVV	288260	255813	3.74%	0.399%
51	12.051	1692	1694	1696	rVB	116771	91259	1.33%	0.142%
52	12.110	1702	1704	1706	rBV	227919	214588	3.14%	0.335%
53	12.133	1706	1708	1715	rVB2	209402	249372	3.64%	0.389%
54	12.263	1728	1730	1733	rVB	116773	90015	1.32%	0.140%
55	12.292	1733	1735	1737	rBV	202520	168625	2.46%	0.263%
56	12.316	1737	1739	1742	rVB2	207163	174392	2.55%	0.272%
57	12.369	1744	1748	1751	rBV	549626	580477	8.48%	0.905%
58	12.404	1751	1754	1756	rBV	7009264	6844282	100.00%	10.669%
59	12.427	1756	1758	1761	rVB2	7360092	5735130	83.79%	8.940%
60	12.510	1769	1772	1773	rBV	1150160	840831	12.29%	1.311%
61	12.527	1773	1775	1778	rVB	2536325	2168651	31.69%	3.381%
62	12.627	1789	1792	1794	rBV2	97051	114967	1.68%	0.179%
63	12.680	1799	1801	1805	rVB2	129785	125542	1.83%	0.196%
64	12.757	1809	1814	1817	rBV	2576443	2671292	39.03%	4.164%
65	12.786	1817	1819	1821	rVV2	263550	217348	3.18%	0.339%
66	12.821	1822	1825	1828	rVB	207479	225846	3.30%	0.352%
67	12.874	1832	1834	1835	rBV2	115586	80809	1.18%	0.126%
68	12.898	1835	1838	1845	rVB	1960295	2002944	29.26%	3.122%
69	12.974	1848	1851	1854	rBV3	253449	355889	5.20%	0.555%
70	13.063	1863	1866	1868	rBV4	220426	285004	4.16%	0.444%
71	13.086	1868	1870	1873	rVV	422518	343328	5.02%	0.535%

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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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72	13.151	1877	1881	1884	rVB2	420802	468493	6.85%	0.730%
73	13.186	1885	1887	1890	rVV	292101	259822	3.80%	0.405%
74	13.280	1900	1903	1906	rVB	294010	224701	3.28%	0.350%
75	13.310	1906	1908	1912	rBV	282834	258453	3.78%	0.403%
76	13.486	1936	1938	1940	rBV2	174478	140810	2.06%	0.220%
77	13.704	1971	1975	1977	rBV2	227596	299010	4.37%	0.466%
78	13.951	2012	2017	2020	rBV2	1524395	2108427	30.81%	3.287%
79	13.980	2020	2022	2028	rVB	781795	725290	10.60%	1.131%
80	14.980	2189	2192	2195	rBV	473941	697461	10.19%	1.087%
81	15.274	2239	2242	2247	rVB	324733	410050	5.99%	0.639%
82	15.333	2249	2252	2257	rBV	388941	455634	6.66%	0.710%
83	15.392	2259	2262	2265	rBV	616999	706682	10.33%	1.102%

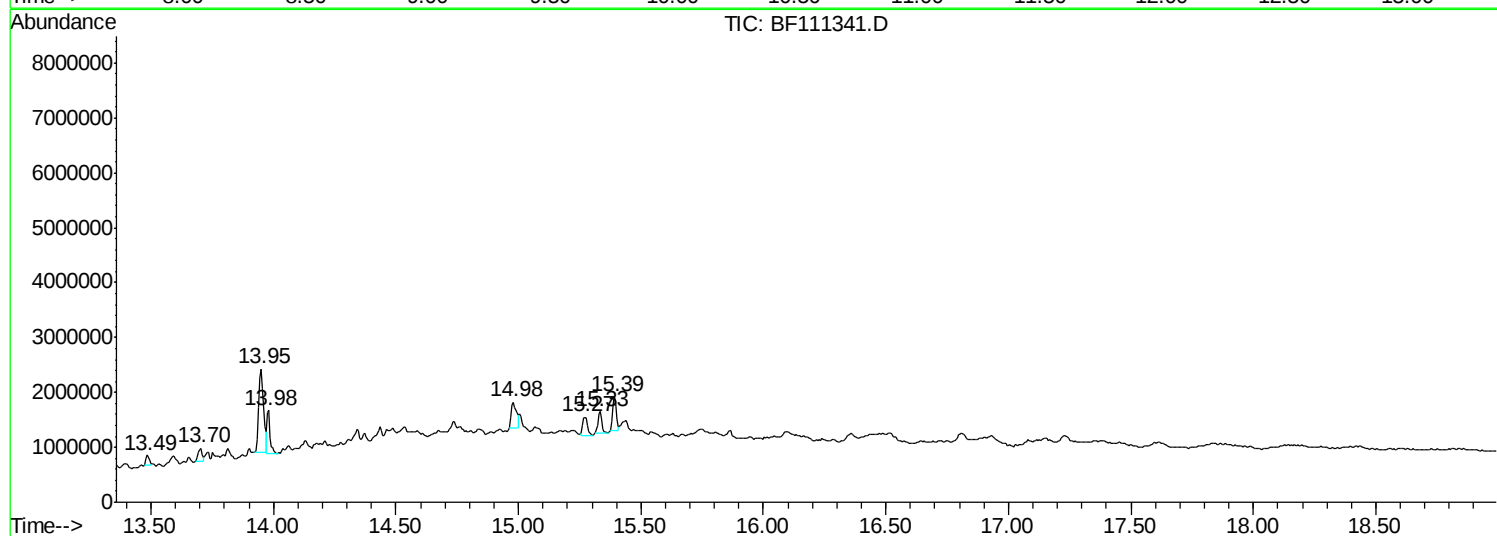
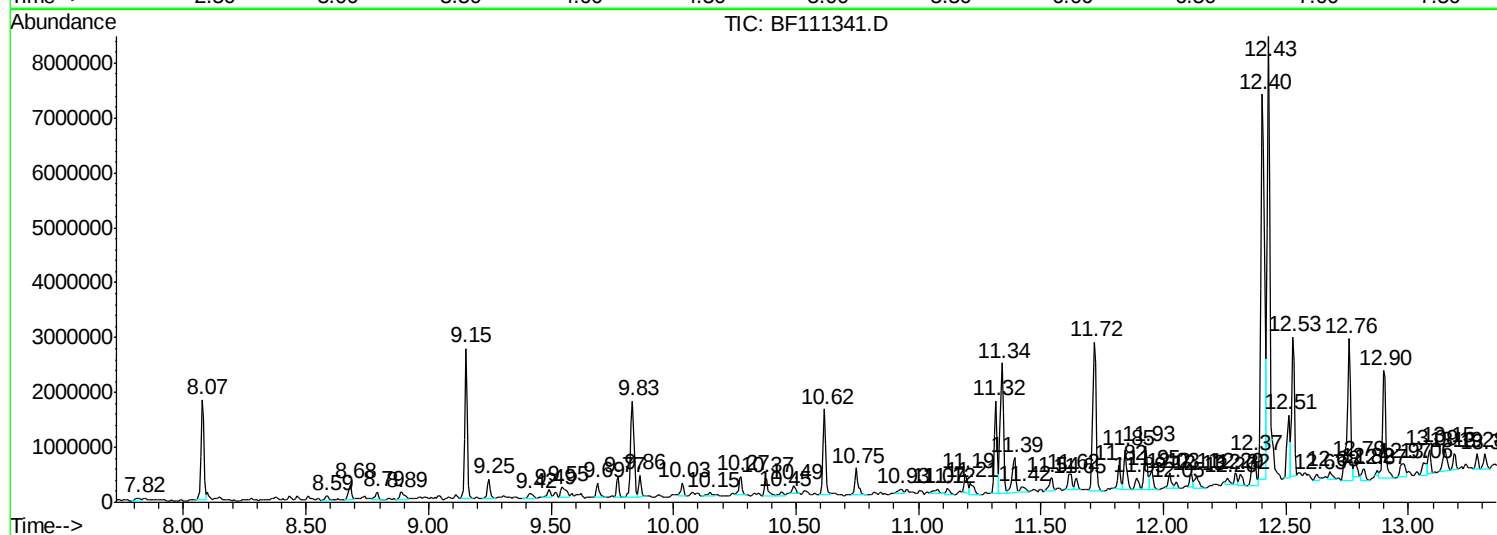
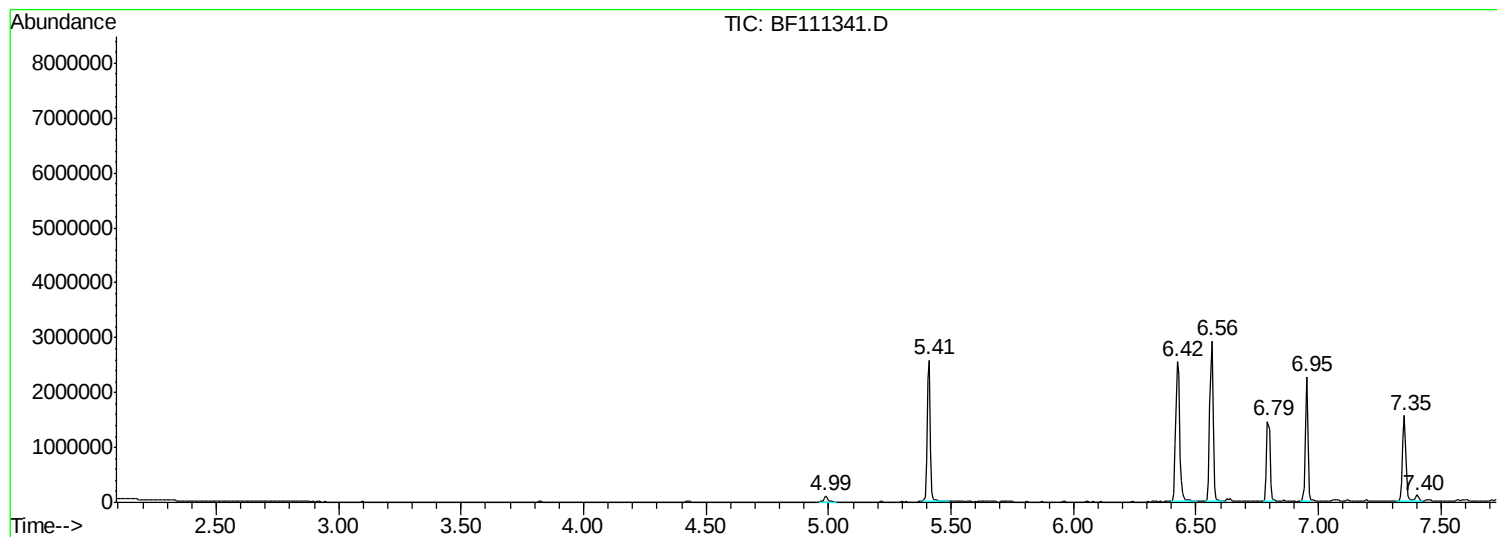
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Misc :
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Instrument :
BNA_F
ClientSampleId :
OK-03-121118

Quant Title :

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



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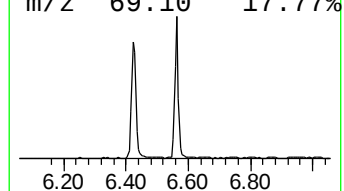
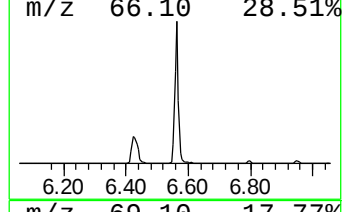
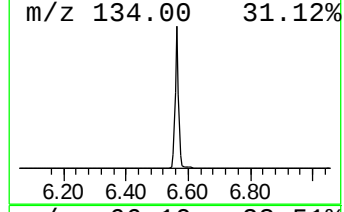
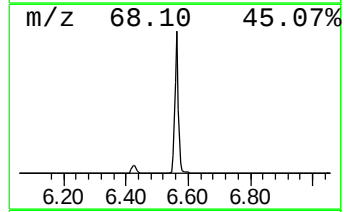
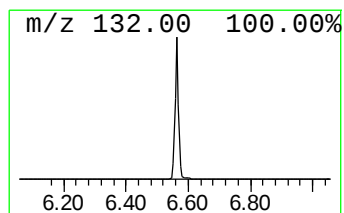
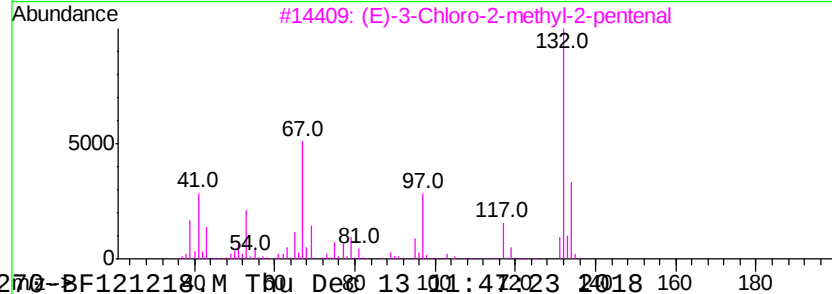
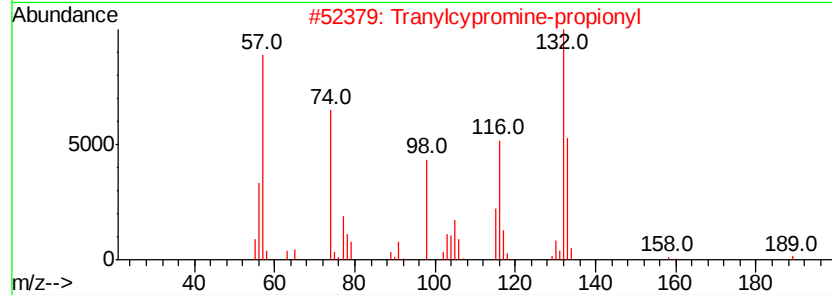
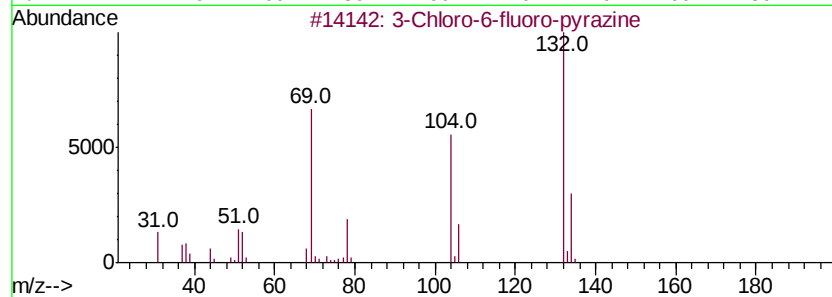
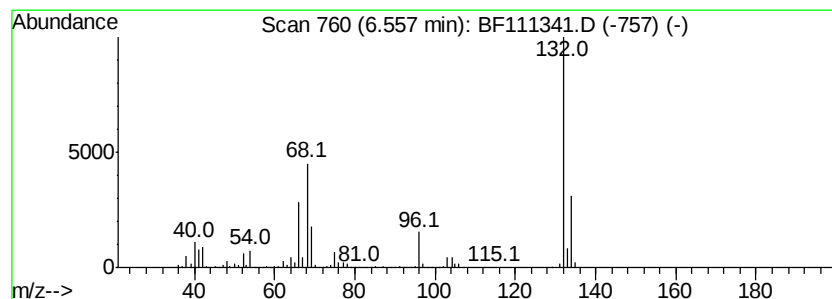
Quant Title :

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

Peak Number 1 unknown6.56 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	37.79 ng	2436990	1,4-Dichlorobenzene-d4	6.79

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4		Amphetaminil	250	C17H18N2	017590-01-1	12
5		5-Aminoindole	132	C8H8N2	005192-03-0	12



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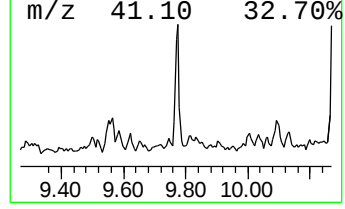
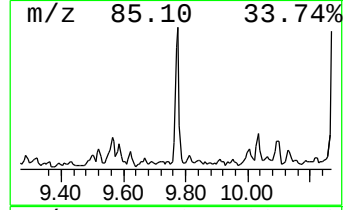
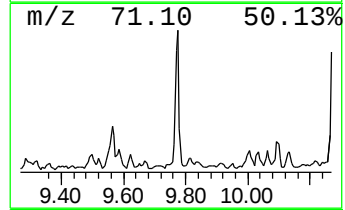
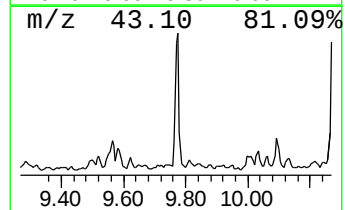
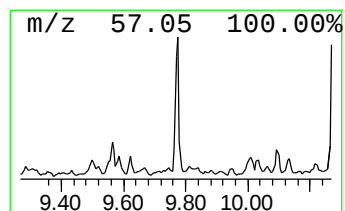
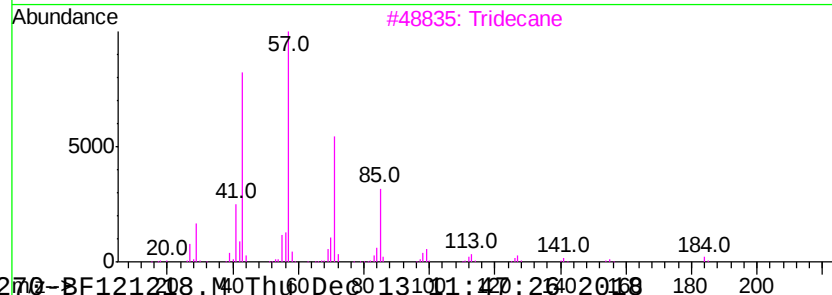
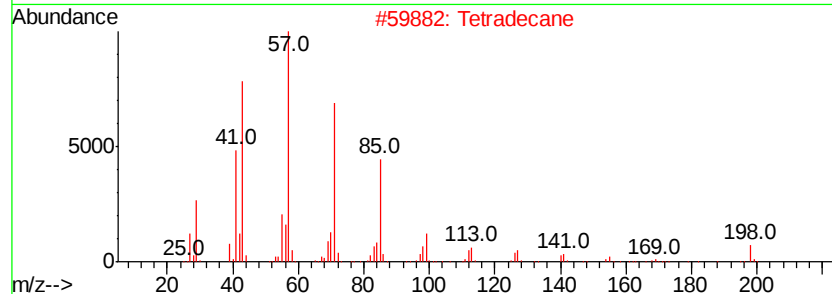
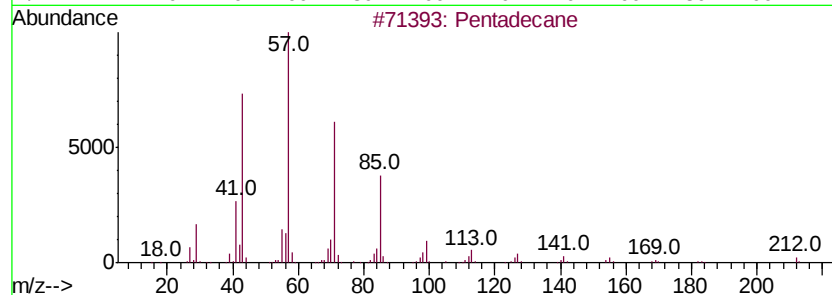
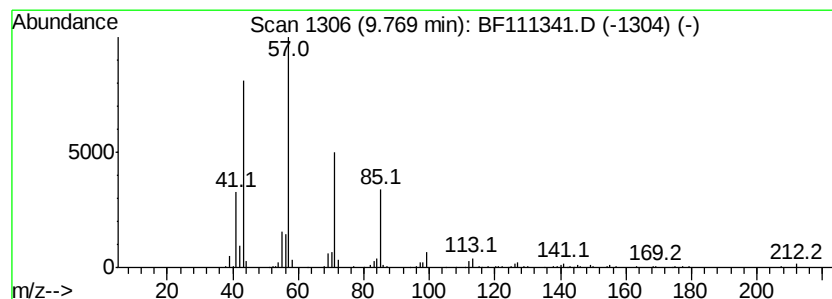
Instrument :
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Quant Title :

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

Peak Number 4 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.77	3.86 ng	305408	Acenaphthene-d10		9.83	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	94
2	Tetradecane		198	C14H30	000629-59-4	90
3	Tridecane		184	C13H28	000629-50-5	90
4	Hexadecane		226	C16H34	000544-76-3	90
5	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	80



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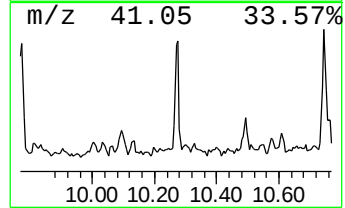
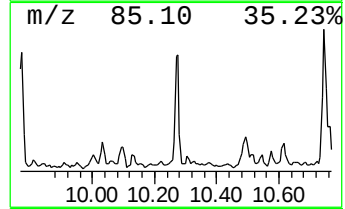
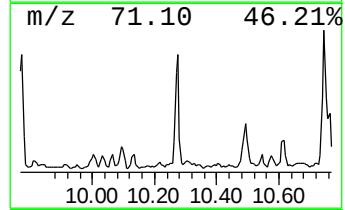
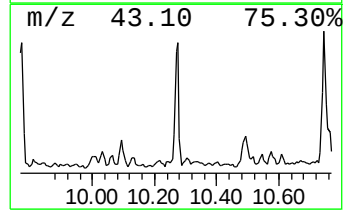
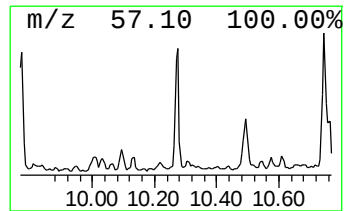
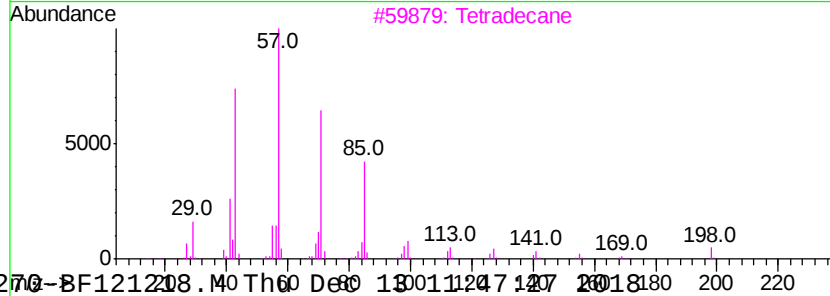
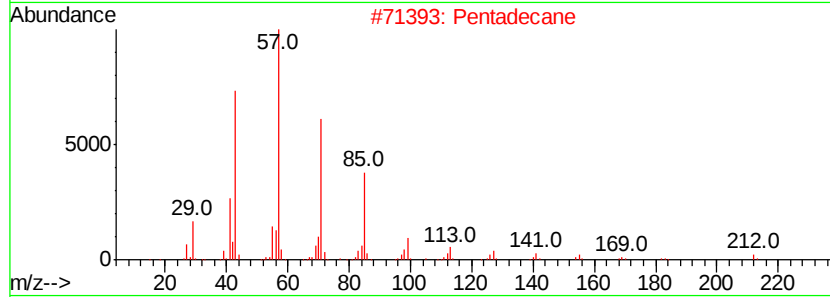
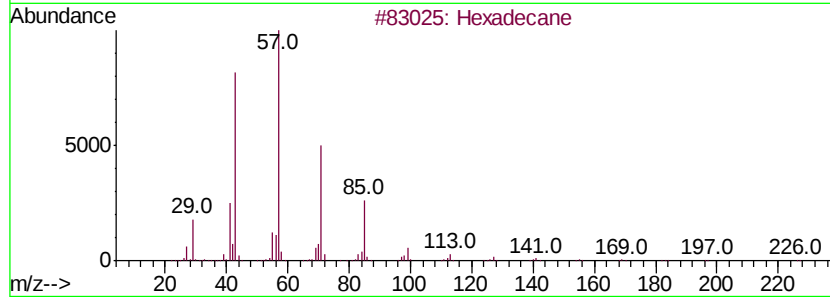
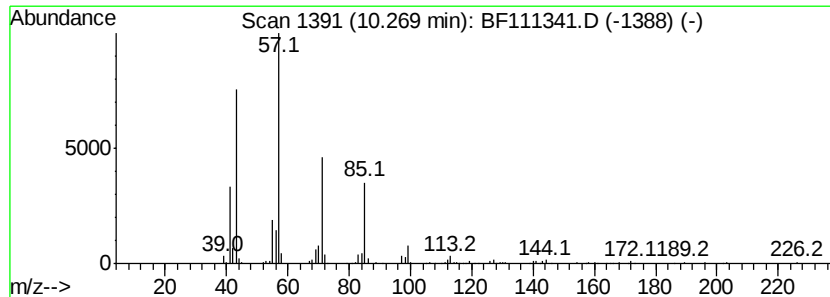
Instrument :
BNA_F
ClientSampleId :
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Quant Title :

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

Peak Number 5 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	3.90 ng	308459	Acenaphthene-d10	9.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	96
2	Pentadecane	212 C15H32	000629-62-9	90
3	Tetradecane	198 C14H30	000629-59-4	83
4	Pentadecane, 7-methyl-	226 C16H34	006165-40-8	74
5	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	64



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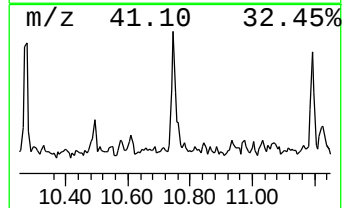
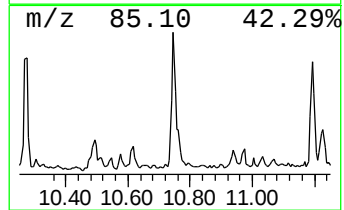
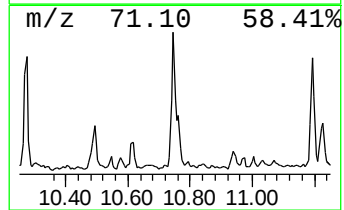
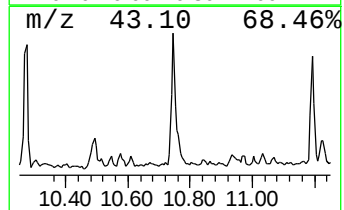
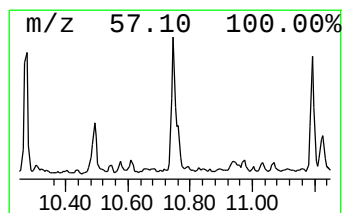
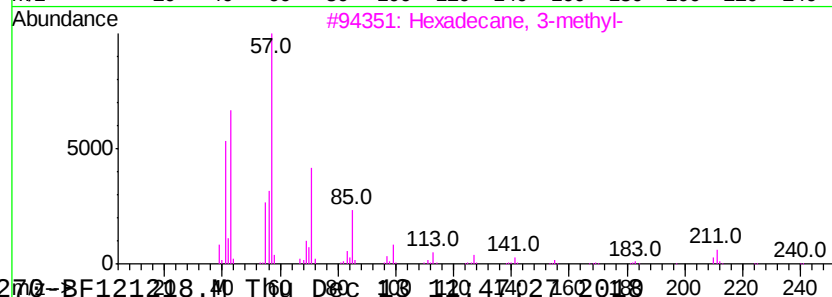
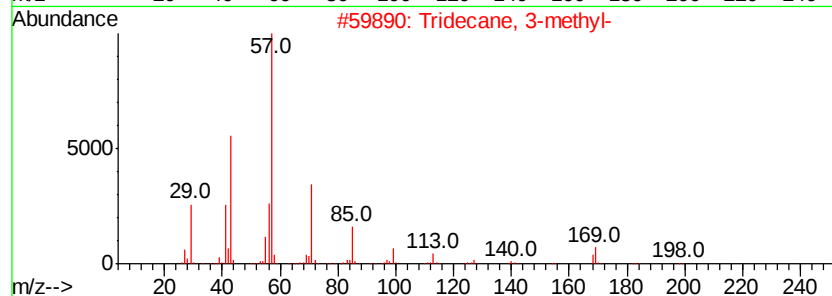
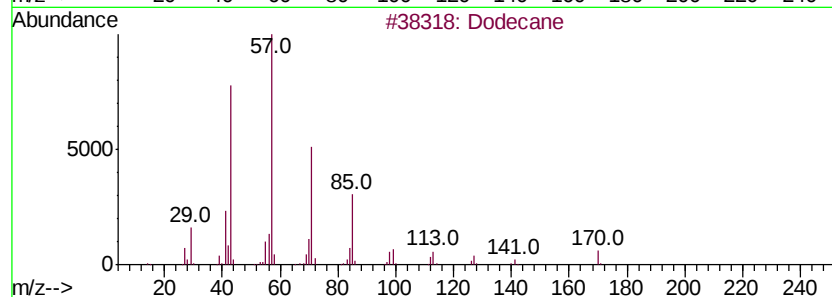
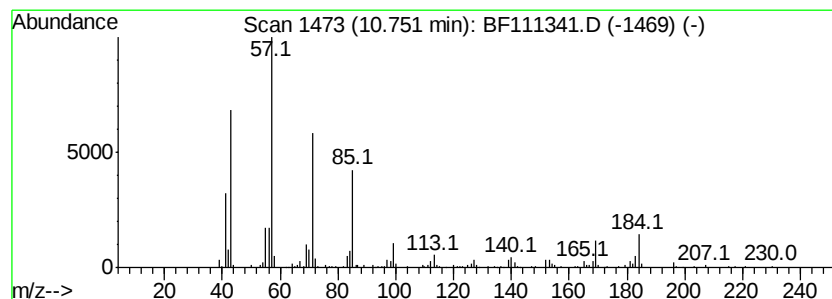
Instrument :
BNA_F
ClientSampleId :
OK-03-121118

Quant Title :

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

Peak Number 6 Dodecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.75	6.32 ng	474473	Phenanthrene-d10		11.32
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	64
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
3	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	58
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	58
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111341.D
Acq On : 13 Dec 2018 00:18
Operator : JU/SJ
Sample : J6194-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

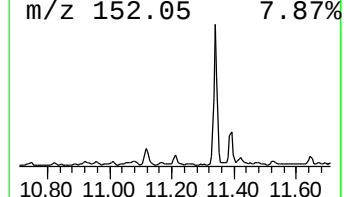
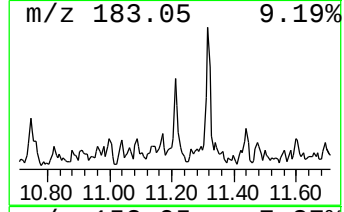
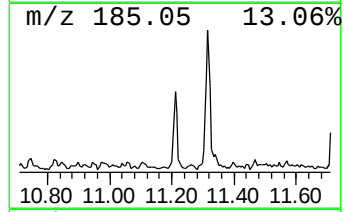
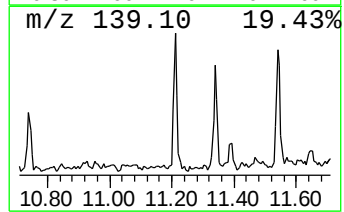
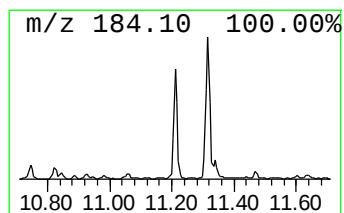
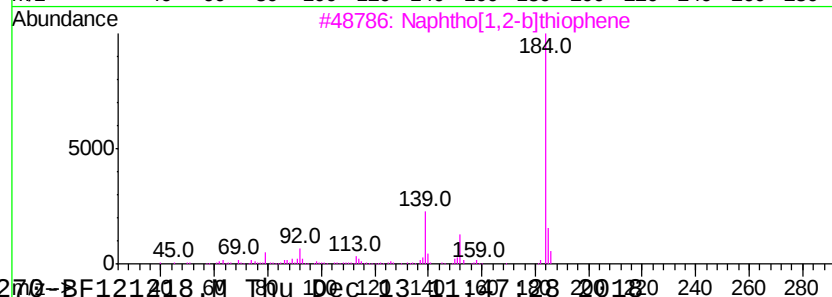
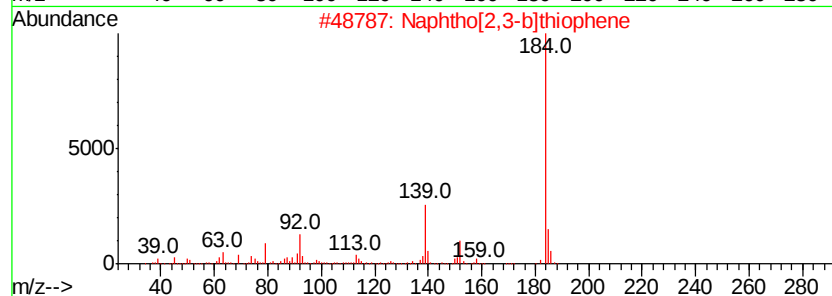
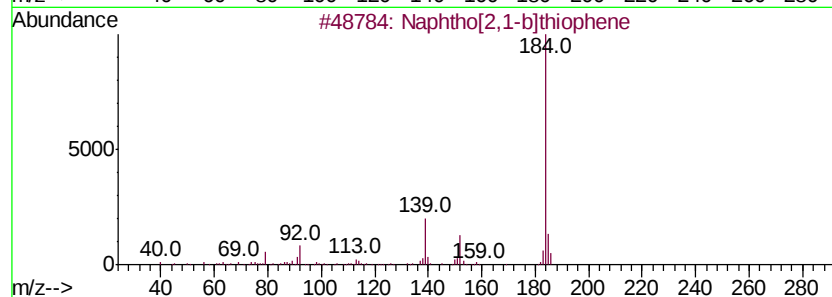
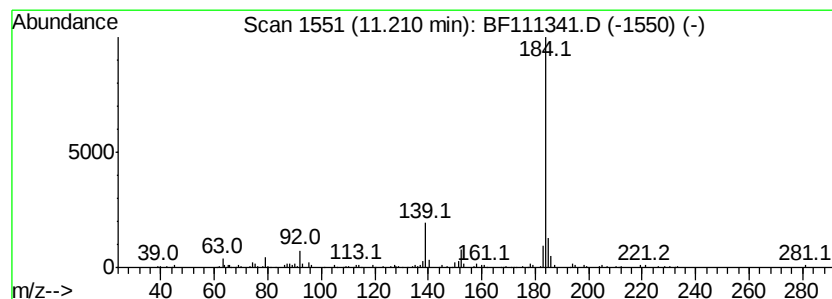
Instrument :
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ClientSampleId :
OK-03-121118

Quant Title :

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

Peak Number 8 Naphtho[2,1-b]thiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.21	3.34 ng	251119	Phenanthrene-d10		11.32
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
4	Dibenzothiophene	184	C12H8S	000132-65-0	90
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
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 Sample : J6194-05 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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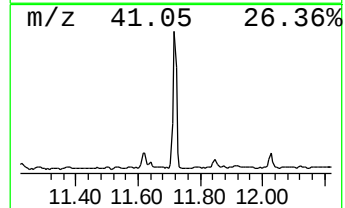
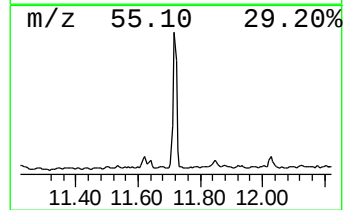
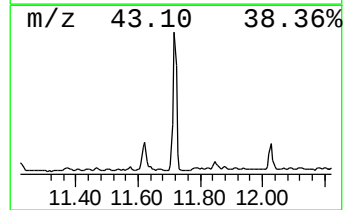
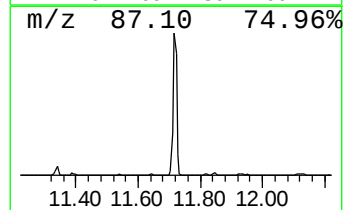
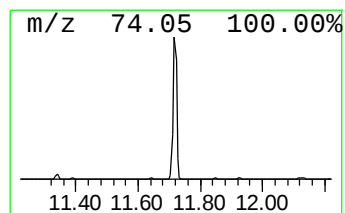
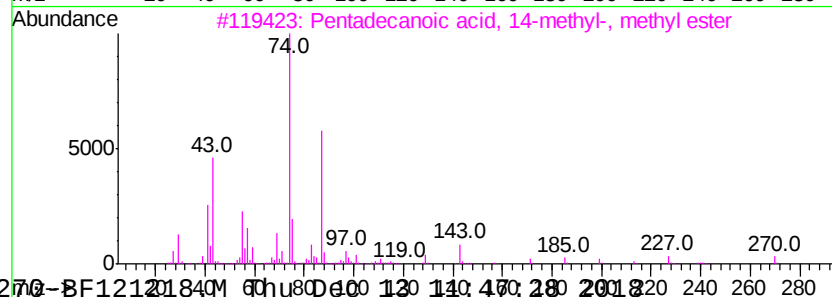
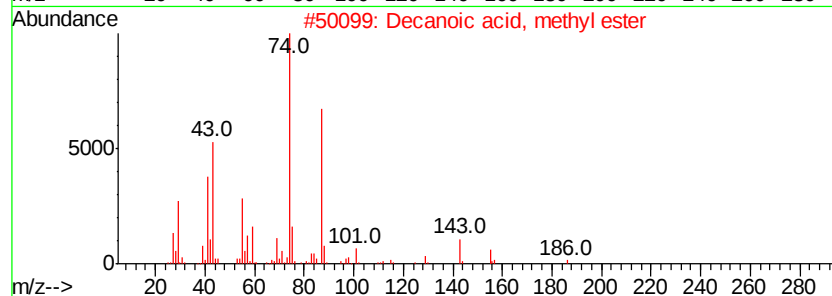
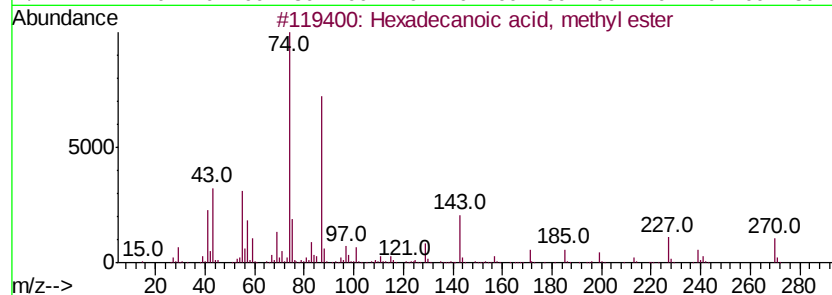
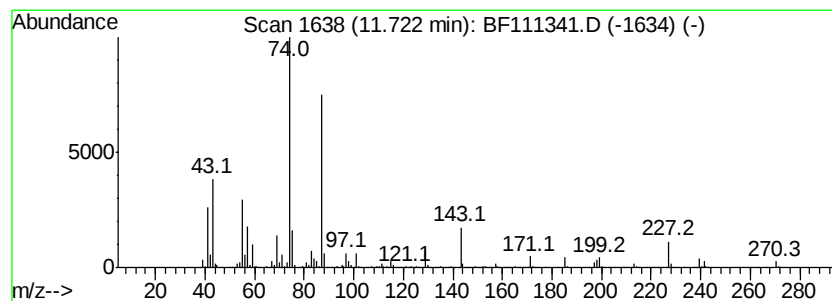
Quant Title :

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

 Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	31.61 ng	2373070	Phenanthrene-d10	11.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	91
3		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111341.D
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Operator : JU/SJ
Sample : J6194-05 2X
Misc :
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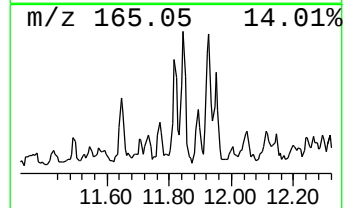
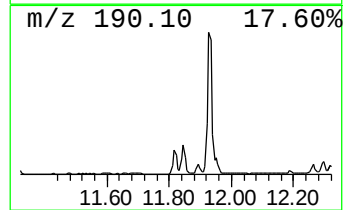
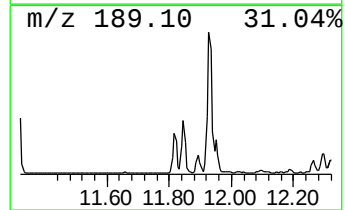
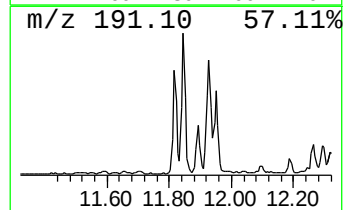
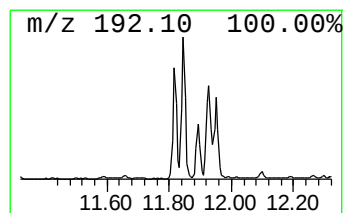
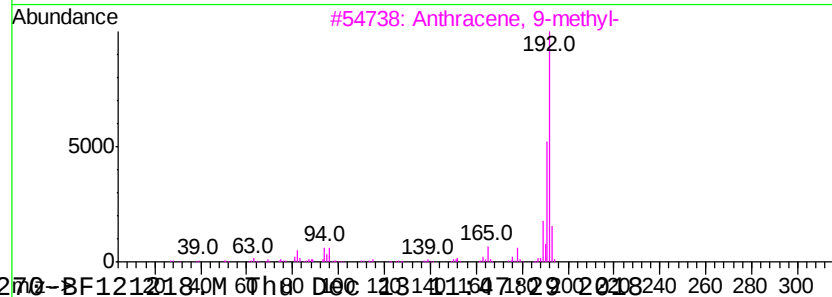
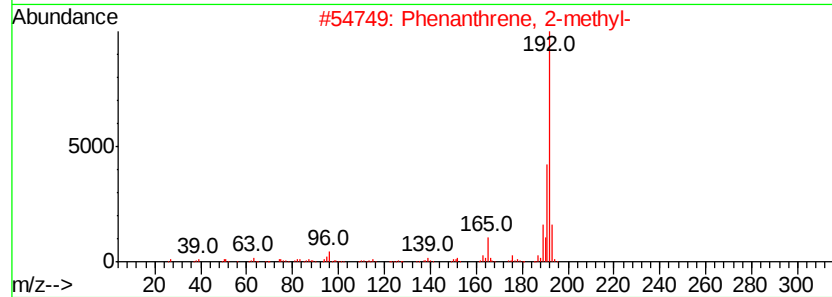
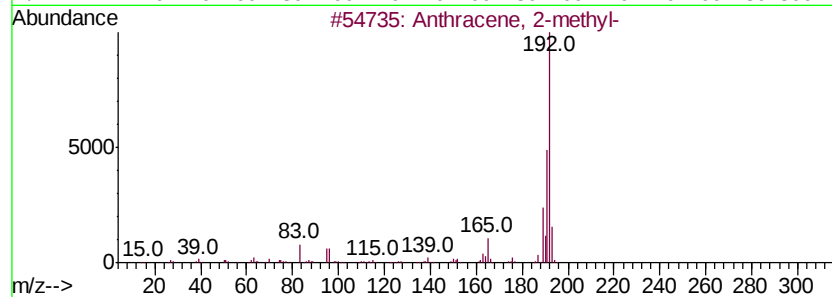
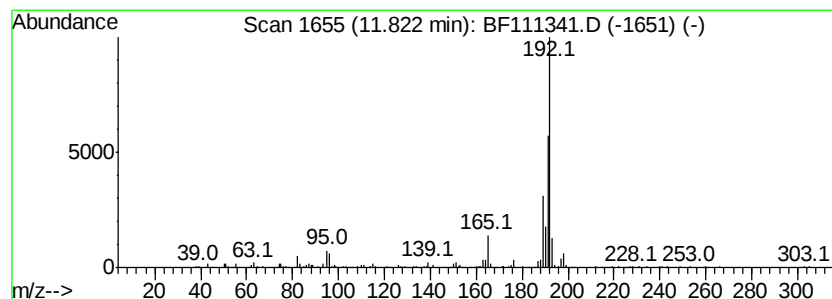
Instrument :
BNA_F
ClientSampleId :
OK-03-121118

Quant Title :

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

Peak Number 11 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.82	5.22 ng	392022	Phenanthrene-d10		11.32
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
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Sample : J6194-05 2X
Misc :
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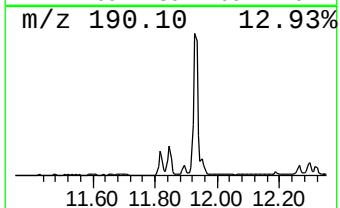
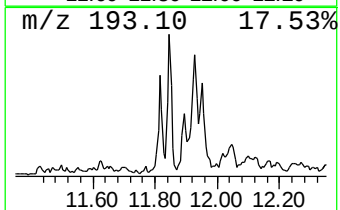
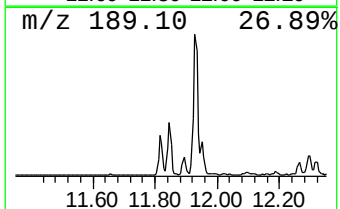
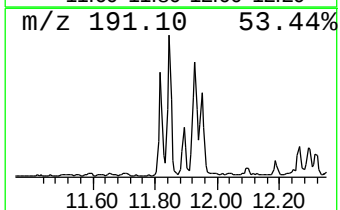
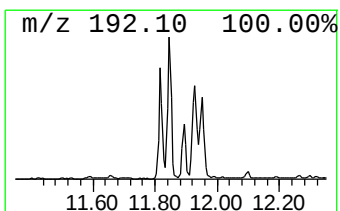
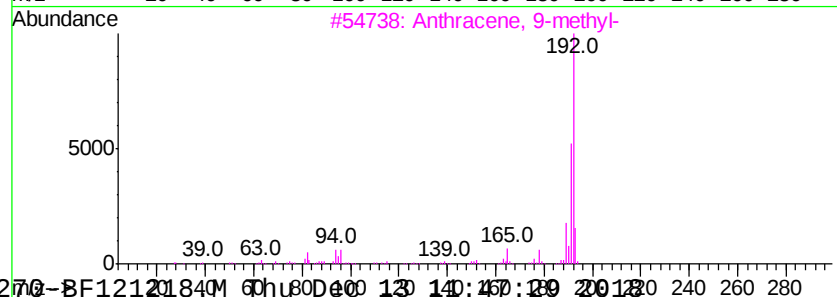
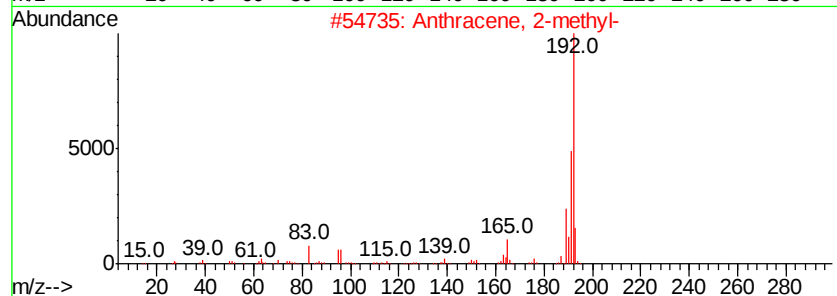
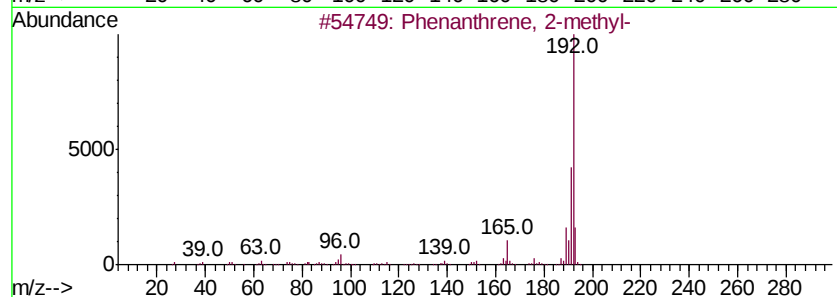
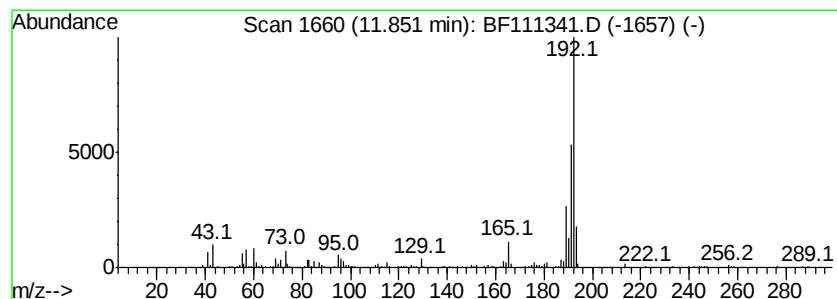
Instrument :
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ClientSampleId :
OK-03-121118

Quant Title :

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

Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.85	7.91 ng	593839	Phenanthrene-d10		11.32
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
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Sample : J6194-05 2X
Misc :
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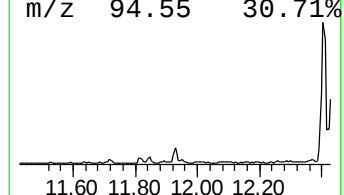
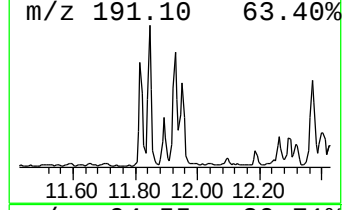
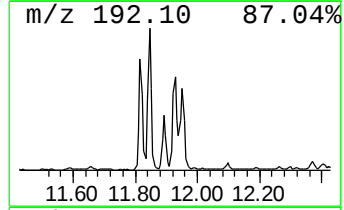
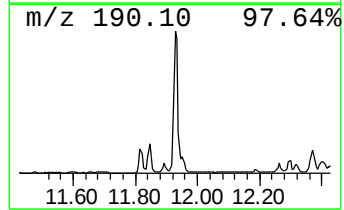
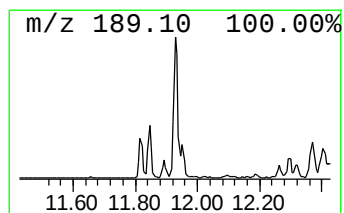
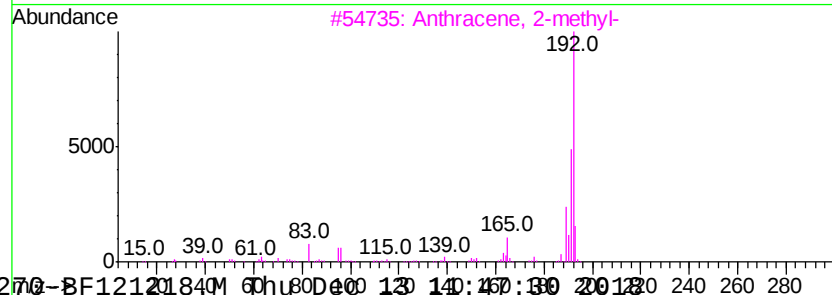
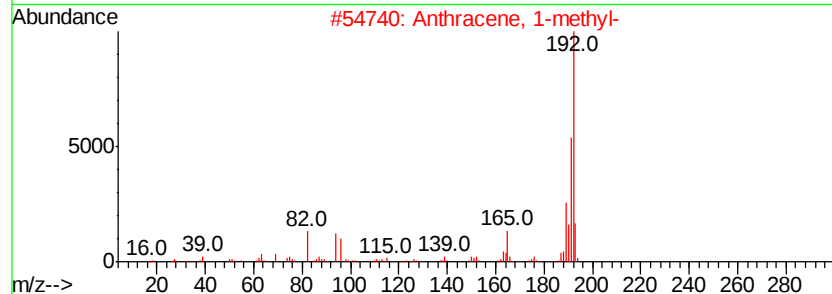
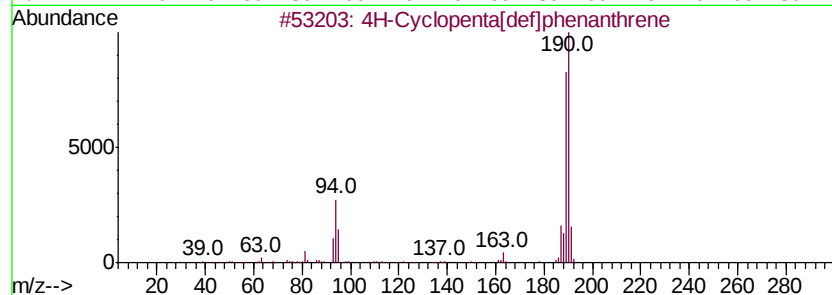
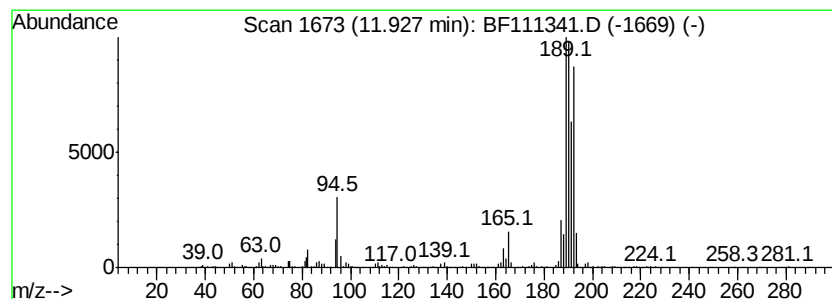
Instrument :
BNA_F
ClientSampleId :
OK-03-121118

Quant Title :

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

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.93	11.44 ng	859252	Phenanthrene-d10		11.32
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	56
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
4	1H-Cyclopropa[1,1b]phenanthrene,1a,...	192	C15H12	000949-41-7	42
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111341.D
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Sample : J6194-05 2X
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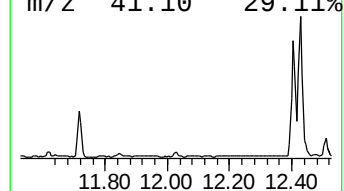
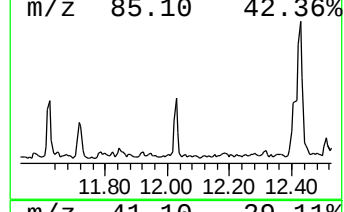
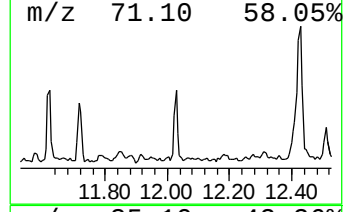
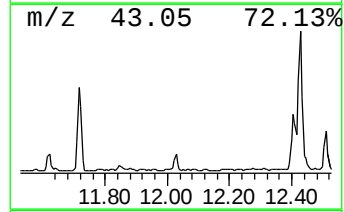
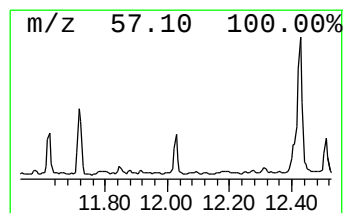
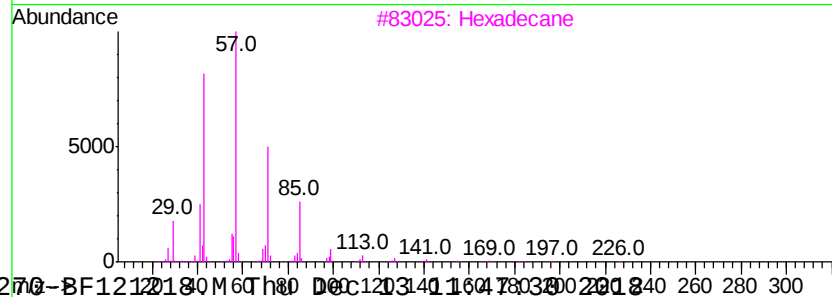
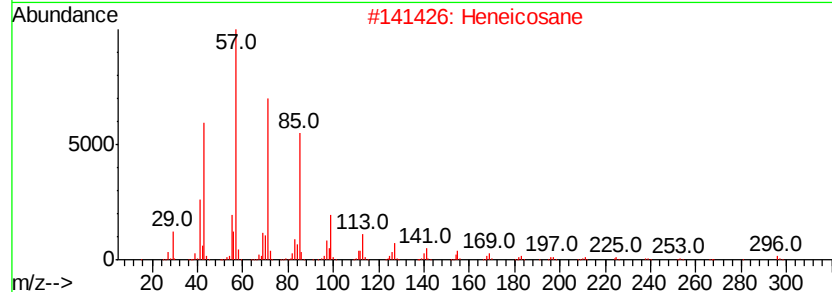
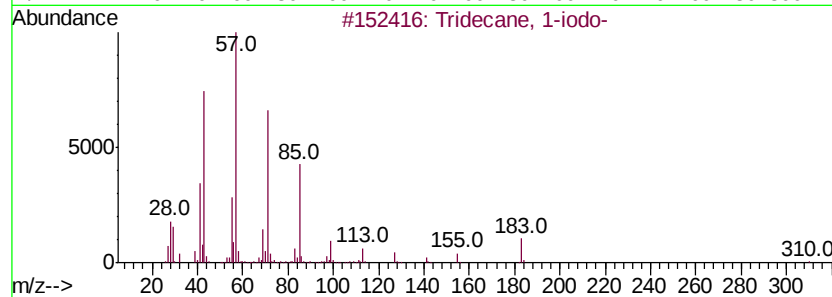
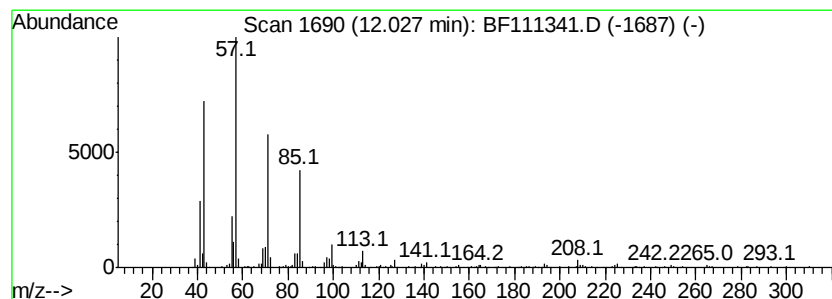
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Quant Title :

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

Peak Number 14 Tridecane, 1-iodo- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.03	3.41 ng	255813	Phenanthrene-d10		11.32
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
5	Nonadecane	268	C19H40	000629-92-5	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
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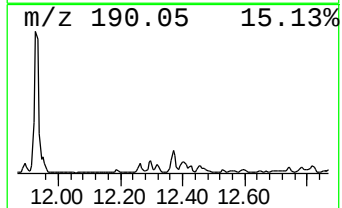
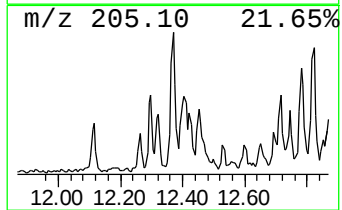
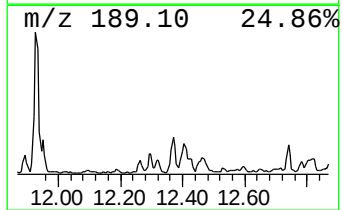
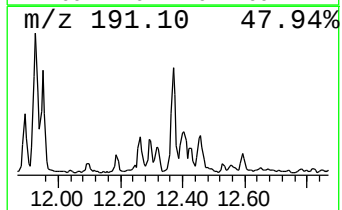
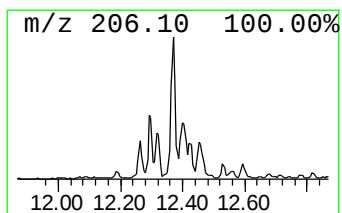
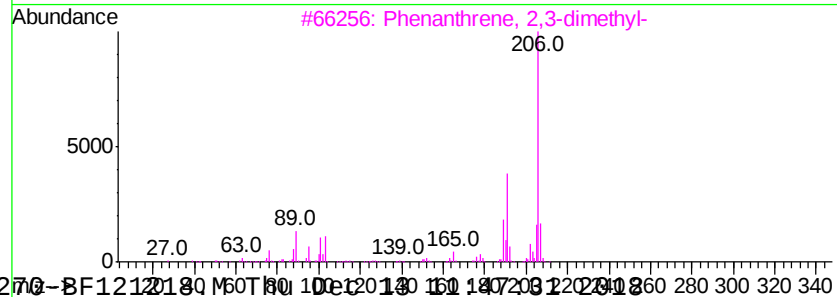
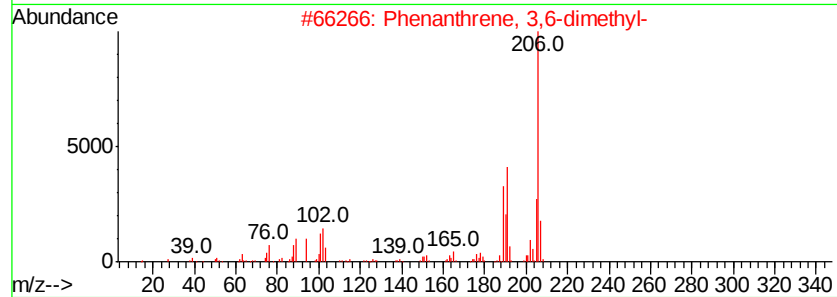
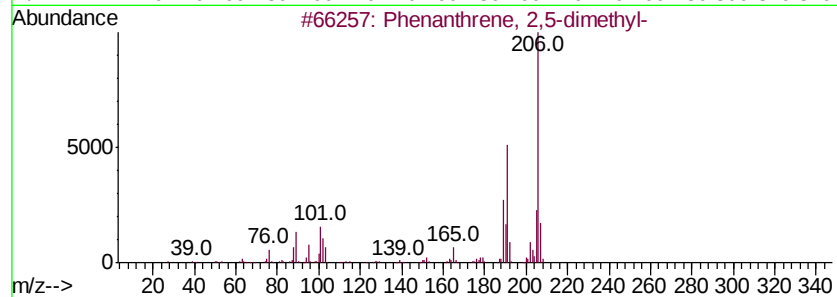
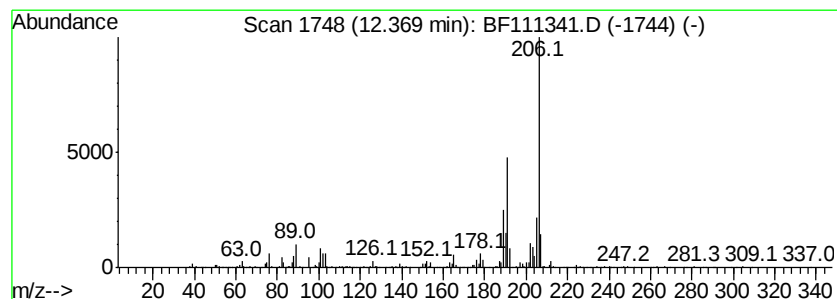
Instrument :
BNA_F
ClientSampleId :
OK-03-121118

Quant Title :

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

Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.37	7.73 ng	580477	Phenanthrene-d10		11.32
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90
5	9,10-Dimethylantracene	206	C16H14	000781-43-1	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111341.D
Acq On : 13 Dec 2018 00:18
Operator : JU/SJ
Sample : J6194-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-121118

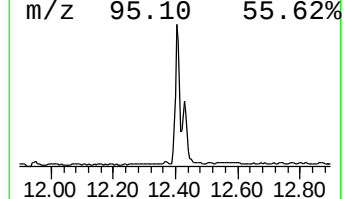
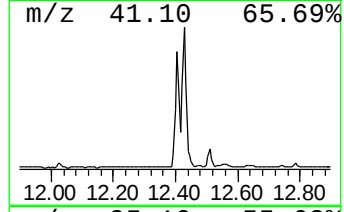
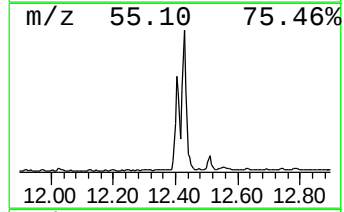
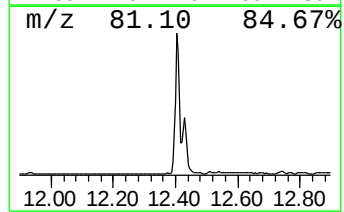
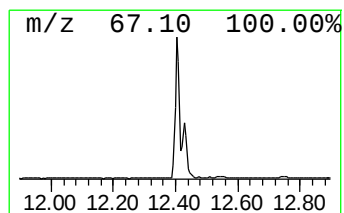
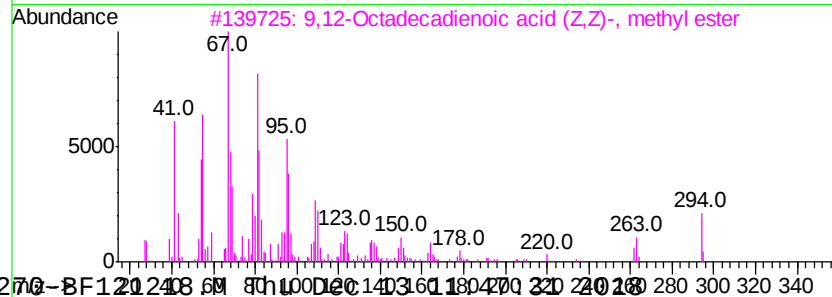
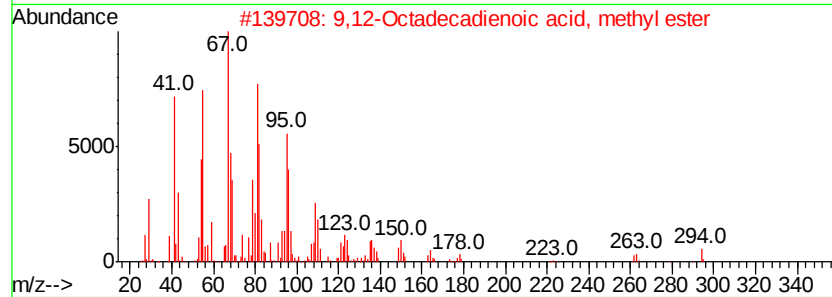
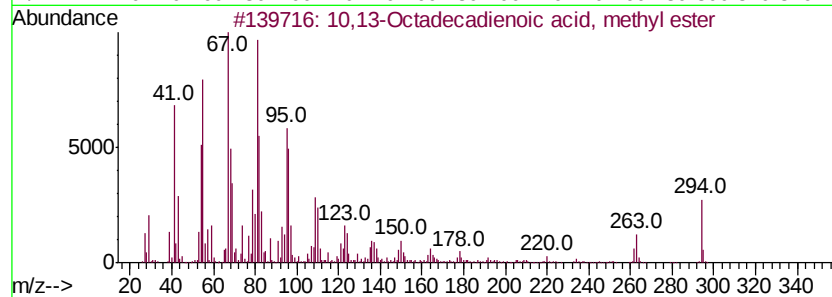
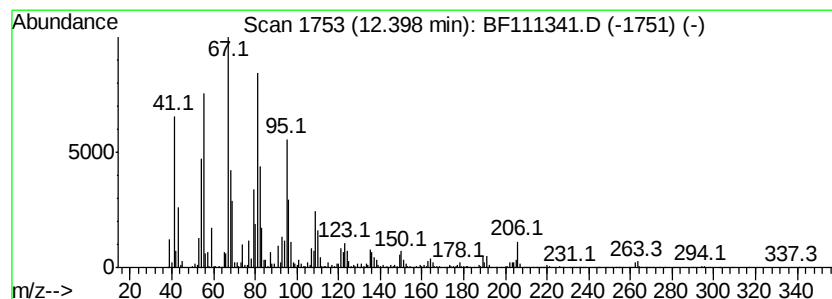
Quant Title :

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

Peak Number 16 10,13-Octadecadienoic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	91.16 ng	6844280	Phenanthrene-d10	11.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3			9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4			Methvl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99
5			11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111341.D
Acq On : 13 Dec 2018 00:18
Operator : JU/SJ
Sample : J6194-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-121118

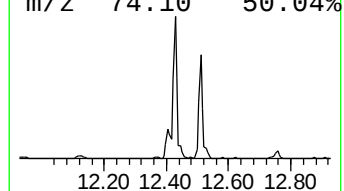
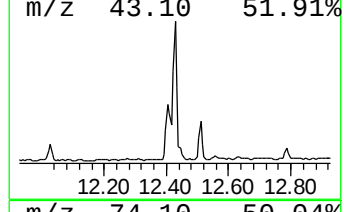
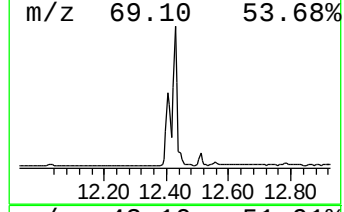
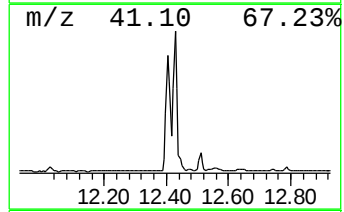
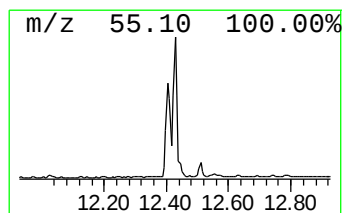
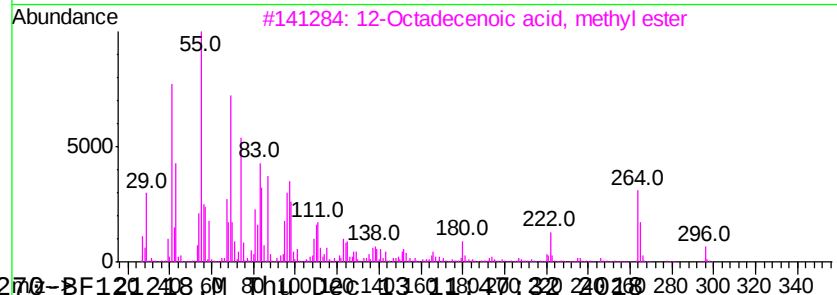
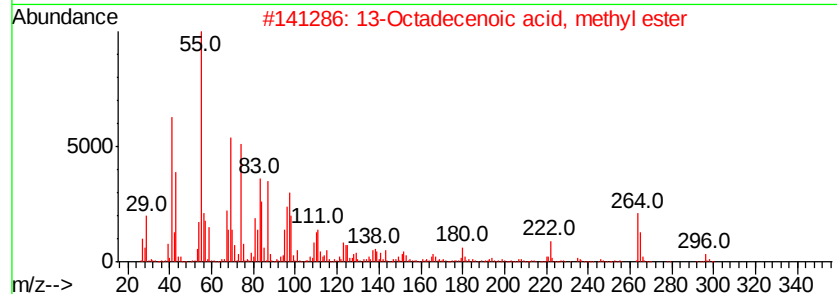
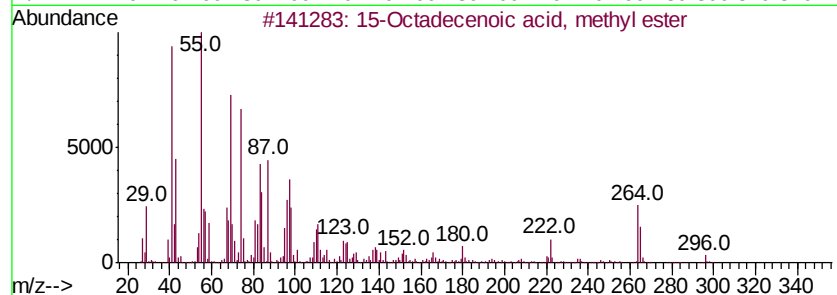
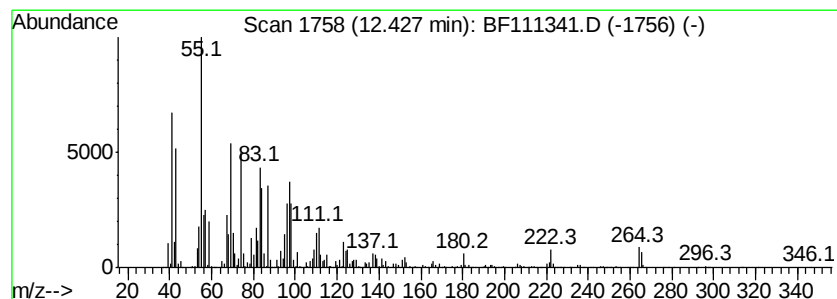
Quant Title :

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

Peak Number 17 15-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	76.38 ng	5735130	Phenanthrene-d10	11.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99		
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99		
3	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99		
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	98		
5	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	95		



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111341.D
Acq On : 13 Dec 2018 00:18
Operator : JU/SJ
Sample : J6194-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

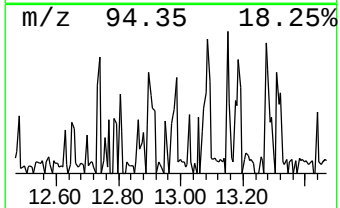
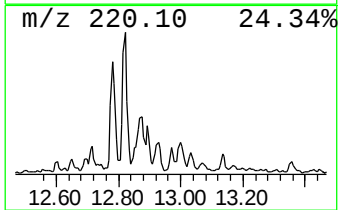
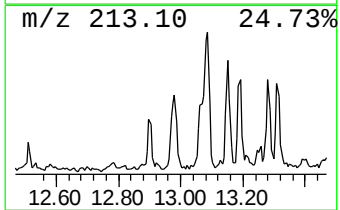
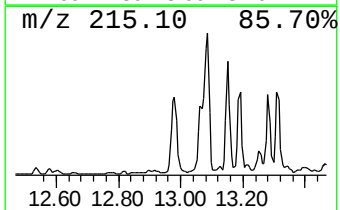
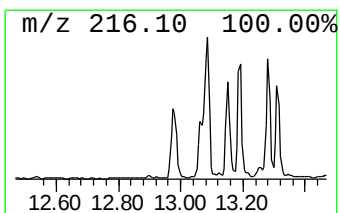
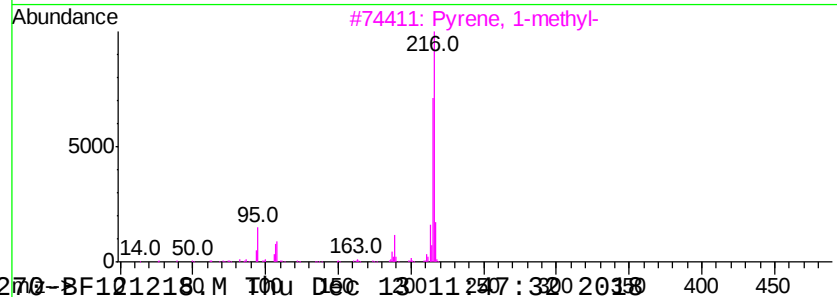
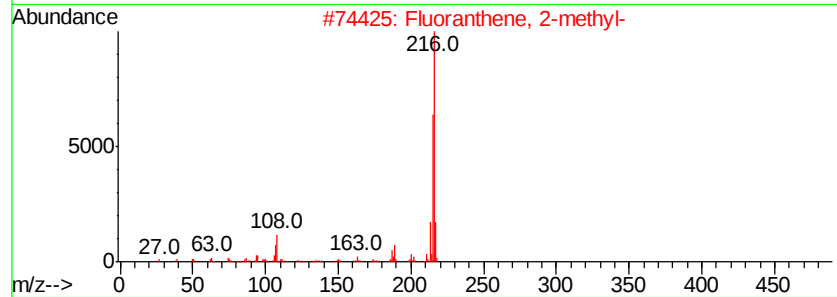
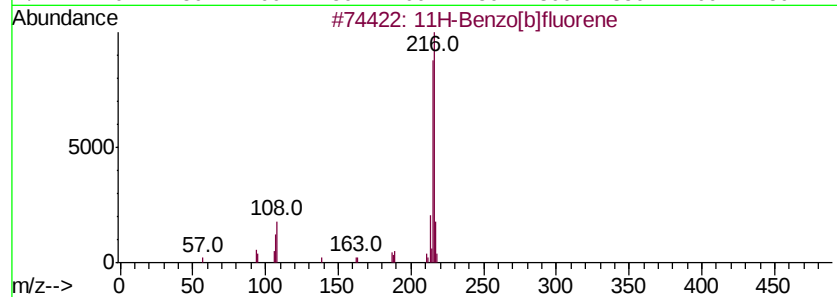
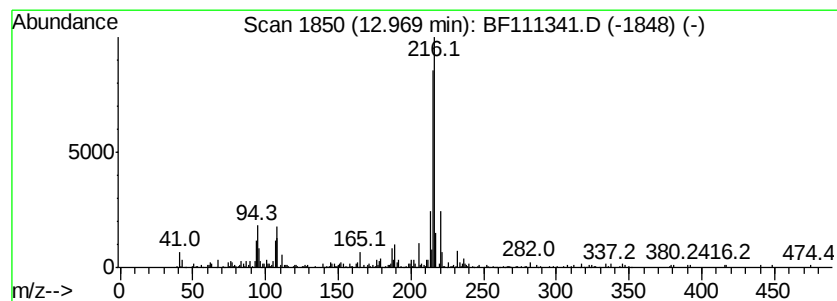
Instrument :
BNA_F
ClientSampleId :
OK-03-121118

Quant Title :

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

Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.97	3.38 ng	355889	Chrysene-d12		13.95	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	76
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
Data File : BF111341.D
Acq On : 13 Dec 2018 00:18
Operator : JU/SJ
Sample : J6194-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

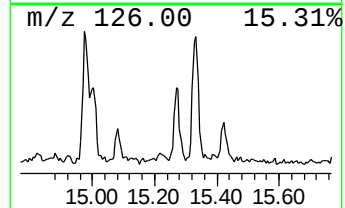
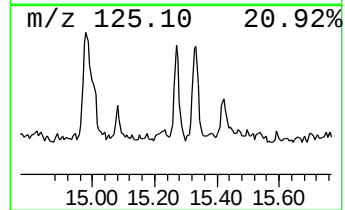
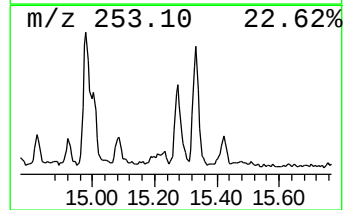
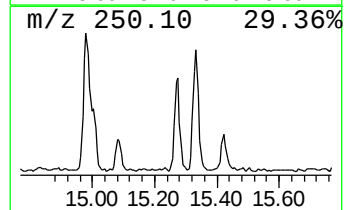
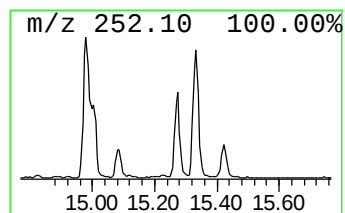
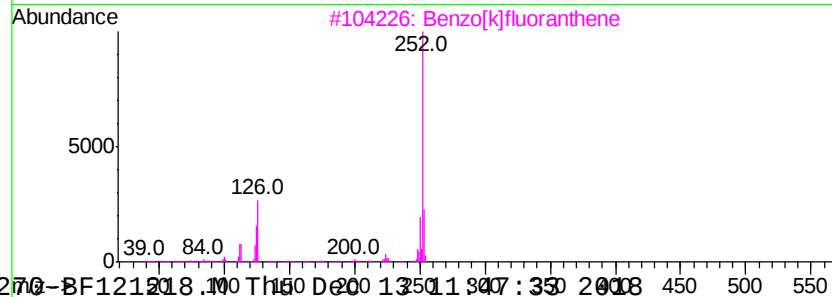
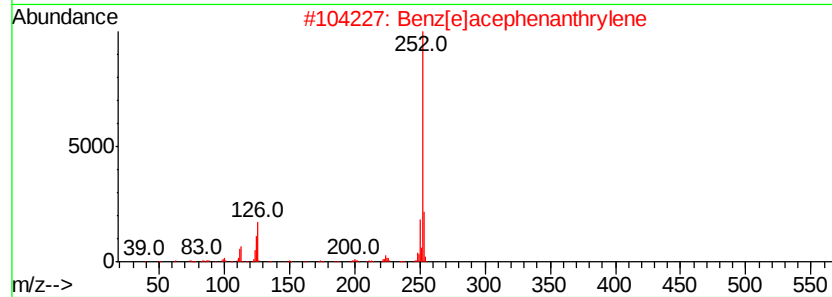
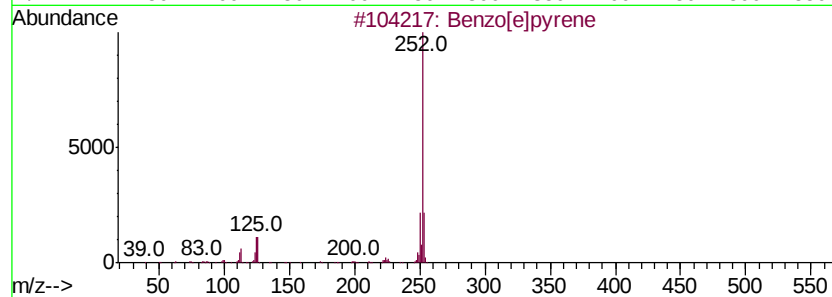
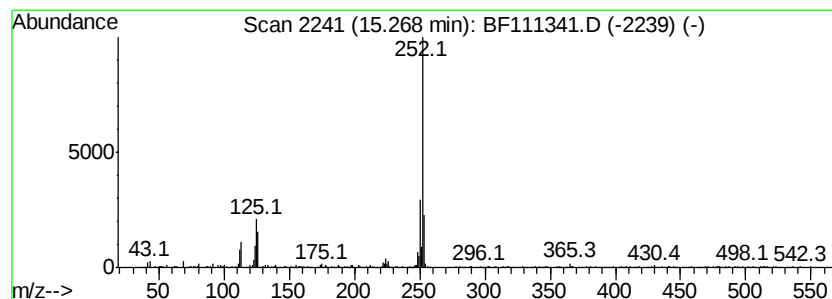
Instrument :
BNA_F
ClientSampleId :
OK-03-121118

Quant Title :

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.27	11.60 ng	410050	Perylene-d12	15.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121218\
Data File : BF111341.D
Acq On : 13 Dec 2018 00:18
Operator : JU/SJ
Sample : J6194-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-121118

Quant Title :

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.56	6.56	37.8	ng	2436990	1	6.79	1289630	20.0
Pentadecane	9.77	3.9	ng	305408	3	9.83	1581760	20.0
Hexadecane	10.27	3.9	ng	308459	3	9.83	1581760	20.0
Dodecane	10.75	6.3	ng	474473	4	11.32	1501670	20.0
Naphtho[2,1-b]thi...	11.21	3.3	ng	251119	4	11.32	1501670	20.0
Hexadecanoic acid...	11.72	31.6	ng	2373070	4	11.32	1501670	20.0
Anthracene, 2-met...	11.82	5.2	ng	392022	4	11.32	1501670	20.0
Phenanthrene, 2-m...	11.85	7.9	ng	593839	4	11.32	1501670	20.0
4H-Cyclopenta[def...	11.93	11.4	ng	859252	4	11.32	1501670	20.0
Tridecane, 1-iodo-	12.03	3.4	ng	255813	4	11.32	1501670	20.0
Phenanthrene, 2,5...	12.37	7.7	ng	580477	4	11.32	1501670	20.0
10,13-Octadecadie...	12.40	91.2	ng	6844280	4	11.32	1501670	20.0
15-Octadecenoic a...	12.43	76.4	ng	5735130	4	11.32	1501670	20.0
11H-Benzo[b]fluorene	12.97	3.4	ng	355889	5	13.95	2108430	20.0
Benzo[e]pyrene	15.27	11.6	ng	410050	6	15.39	706682	20.0