LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110382.D
Acq On : 1 Nov 2018 21:55
Operator : JU/SJ
Sample : J5200-17 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-103118-A

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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	2.240	22	26	34	rVB	65474	99908	4.87%	0.668%
2	5.569	589	592	603	rVB	186575	197621	9.64%	1.321%
3	6.569	759	762	770	rBV	182605	205367	10.01%	1.373%
4	6.722	784	788	795	rBV	264312	218401	10.65%	1.460%
5	6.775	795	797	801	rVB	47730	39355	1.92%	0.263%
6	6.957	824	828	835	rBV	393417	347297	16.93%	2.322%
7	7.110	847	854	862	rVB	202634	189965	9.26%	1.270%
8	7.222	867	873	875	rVV4	26182	32712	1.59%	0.219%
9	7.269	878	881	887	rVB3	22488	29762	1.45%	0.199%
10	7.516	920	923	931	rVV2	122011	173459	8.46%	1.160%
11	7.592	931	936	939	rVB5	21328	29728	1.45%	0.199%
12	7.757	960	964	971	rVB3	28532	41762	2.04%	0.279%
13	7.845	971	979	982	rBV4	19971	34642	1.69%	0.232%
14	7.969	998	1000	1003	rBV	43359	38262	1.87%	0.256%
15	8.204	1037	1040	1042	rBV	60957	60351	2.94%	0.403%
16	8.239	1042	1046	1051	rVV	448144	427889	20.86%	2.860%
17	8.281	1051	1053	1056	rVV	57620	47944	2.34%	0.320%
18	8.316	1056	1059	1066	rVB5	19609	30160	1.47%	0.202%
19	8.516	1089	1093	1098	rBV5	42586	52496	2.56%	0.351%
20	8.639	1112	1114	1117	rVB2	42869	32596	1.59%	0.218%
21	8.739	1127	1131	1139	rBV2	71291	82471	4.02%	0.551%
22	8.810	1139	1143	1148	rBV3	73921	86323	4.21%	0.577%
23	8.898	1155	1158	1163	rVB5	29964	34137	1.66%	0.228%
24	9.057	1182	1185	1189	rBV3	75559	82934	4.04%	0.554%
25	9.175	1202	1205	1208	rBV3	43553	40996	2.00%	0.274%
26	9.239	1214	1216	1220	rBV2	34914	29995	1.46%	0.201%
27	9.310	1224	1228	1232	rBV	241281	214069	10.44%	1.431%
28	9.375	1237	1239	1244	rBV	92146	89866	4.38%	0.601%
29	9.581	1269	1274	1278	rVB5	29009	50266	2.45%	0.336%
30	9.651	1278	1286	1288	rBV3	56949	91374	4.46%	0.611%
31	9.698	1288	1294	1299	rVV6	75943	134019	6.53%	0.896%
32	9.769	1302	1306	1311	rVB4	30196	46833	2.28%	0.313%
33	9.857	1317	1321	1325	rBV2	49044	49296	2.40%	0.330%
34	9.910	1327	1330	1334	rVB	99490	92149	4.49%	0.616%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110382.D
Acq On : 1 Nov 2018 21:55
Operator : JU/SJ
Sample : J5200-17 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-103118-A

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.998	1342	1345	1348	rBV	413020	343080	16.73%	2.293%
36	10.028	1348	1350	1354	rVB	46627	40067	1.95%	0.268%
37	10.198	1376	1379	1382	rVB2	37680	41934	2.04%	0.280%
38	10.233	1382	1385	1389	rBV5	31866	41774	2.04%	0.279%
39	10.310	1394	1398	1401	rBV4	32334	44977	2.19%	0.301%
40	10.404	1411	1414	1418	rBV	123331	113501	5.53%	0.759%
41	10.545	1435	1438	1445	rVB	80519	83653	4.08%	0.559%
42	10.628	1447	1452	1454	rBV2	55458	69519	3.39%	0.465%
43	10.786	1476	1479	1488	rBV	130648	140621	6.86%	0.940%
44	10.880	1492	1495	1504	rVB	133136	172296	8.40%	1.152%
45	11.328	1568	1571	1574	rBV	125664	97639	4.76%	0.653%
46	11.357	1574	1576	1579	rVV	51806	50293	2.45%	0.336%
47	11.386	1579	1581	1585	rVB	48635	37475	1.83%	0.251%
48	11.486	1595	1598	1600	rBV	446211	390395	19.03%	2.610%
49	11.510	1600	1602	1606	rVV	468385	422215	20.59%	2.822%
50	11.563	1609	1611	1615	rVV	101477	99933	4.87%	0.668%
51	11.716	1634	1637	1641	rBV2	26187	36149	1.76%	0.242%
52	11.757	1641	1644	1646	rVB	109486	81095	3.95%	0.542%
53	11.822	1652	1655	1658	rVB	31744	30067	1.47%	0.201%
54	11.857	1658	1661	1665	rVB	604120	447819	21.83%	2.994%
55	11.904	1666	1669	1674	rBV2	22224	37604	1.83%	0.251%
56	11.992	1680	1684	1686	rBV	110257	108992	5.31%	0.729%
57	12.016	1686	1688	1692	rVB	142880	125567	6.12%	0.839%
58	12.063	1692	1696	1700	rBV2	39234	47821	2.33%	0.320%
59	12.104	1700	1703	1705	rVV2	130377	147579	7.20%	0.987%
60	12.122	1705	1706	1710	rVB	63810	54866	2.68%	0.367%
61	12.163	1710	1713	1716	rBV	100451	78112	3.81%	0.522%
62	12.280	1731	1733	1736	rBV	44359	37563	1.83%	0.251%
63	12.316	1736	1739	1744	rVB4	31892	32192	1.57%	0.215%
64	12.463	1762	1764	1766	rBV	41088	30286	1.48%	0.202%
65	12.486	1766	1768	1771	rVB2	34890	30308	1.48%	0.203%
66	12.551	1774	1779	1780	rBV2	2163709	2051010	100.00%	13.710%
67	12.569	1780	1782	1789	rVB2	1380565	1288093	62.80%	8.610%
68	12.622	1789	1791	1793	rBV2	32376	36789	1.79%	0.246%
69	12.651	1793	1796	1801	rVB	268890	236951	11.55%	1.584%
70	12.704	1801	1805	1809	rBV	503790	428283	20.88%	2.863%
71	12.939	1838	1845	1850	rVB	453265	555382	27.08%	3.713%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110382.D
Acq On : 1 Nov 2018 21:55
Operator : JU/SJ
Sample : J5200-17 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-103118-A

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.986	1850	1853	1857	rVB	46688	45501	2.22%	0.304%
73	13.069	1863	1867	1870	rVV	321695	284837	13.89%	1.904%
74	13.151	1876	1881	1886	rBV3	45756	84547	4.12%	0.565%
75	13.263	1893	1900	1902	rBV	93651	150970	7.36%	1.009%
76	13.327	1908	1911	1914	rVB	75043	60085	2.93%	0.402%
77	13.369	1914	1918	1921	rBV2	94503	99741	4.86%	0.667%
78	13.463	1931	1934	1936	rBV	56512	49433	2.41%	0.330%
79	13.492	1936	1939	1942	rVV2	66220	65155	3.18%	0.436%
80	13.621	1957	1961	1966	rBV	40853	58179	2.84%	0.389%
81	13.774	1984	1987	1990	rVB	28856	32362	1.58%	0.216%
82	13.869	2000	2003	2004	rBV	29088	29482	1.44%	0.197%
83	13.886	2004	2006	2008	rVV2	38724	36680	1.79%	0.245%
84	13.951	2012	2017	2020	rBV3	58496	83258	4.06%	0.557%
85	14.045	2030	2033	2036	rBV2	37204	52816	2.58%	0.353%
86	14.133	2043	2048	2051	rBV2	673104	783457	38.20%	5.237%
87	14.157	2051	2052	2060	rVB	176221	152676	7.44%	1.021%
88	14.521	2109	2114	2116	rVV	73680	81395	3.97%	0.544%
89	14.568	2117	2122	2125	rBV3	47193	81739	3.99%	0.546%
90	14.668	2137	2139	2143	rVB2	38035	35908	1.75%	0.240%
91	14.886	2174	2176	2180	rVB2	47625	40311	1.97%	0.269%
92	15.016	2195	2198	2208	rVB2	36994	78693	3.84%	0.526%
93	15.204	2226	2230	2233	rBV	94459	143711	7.01%	0.961%
94	15.233	2233	2235	2243	rVB3	86634	102683	5.01%	0.686%
95	15.521	2281	2284	2290	rVB	70940	91304	4.45%	0.610%
96	15.592	2292	2296	2300	rVV	94324	121587	5.93%	0.813%
97	15.657	2301	2307	2311	rVV	287808	402200	19.61%	2.689%
98	16.092	2378	2381	2386	rVB	36019	51950	2.53%	0.347%
99	16.621	2468	2471	2477	rVB2	33598	47110	2.30%	0.315%
100	17.704	2649	2655	2659	rVB2	21012	45636	2.23%	0.305%

Sum of corrected areas: 14959711

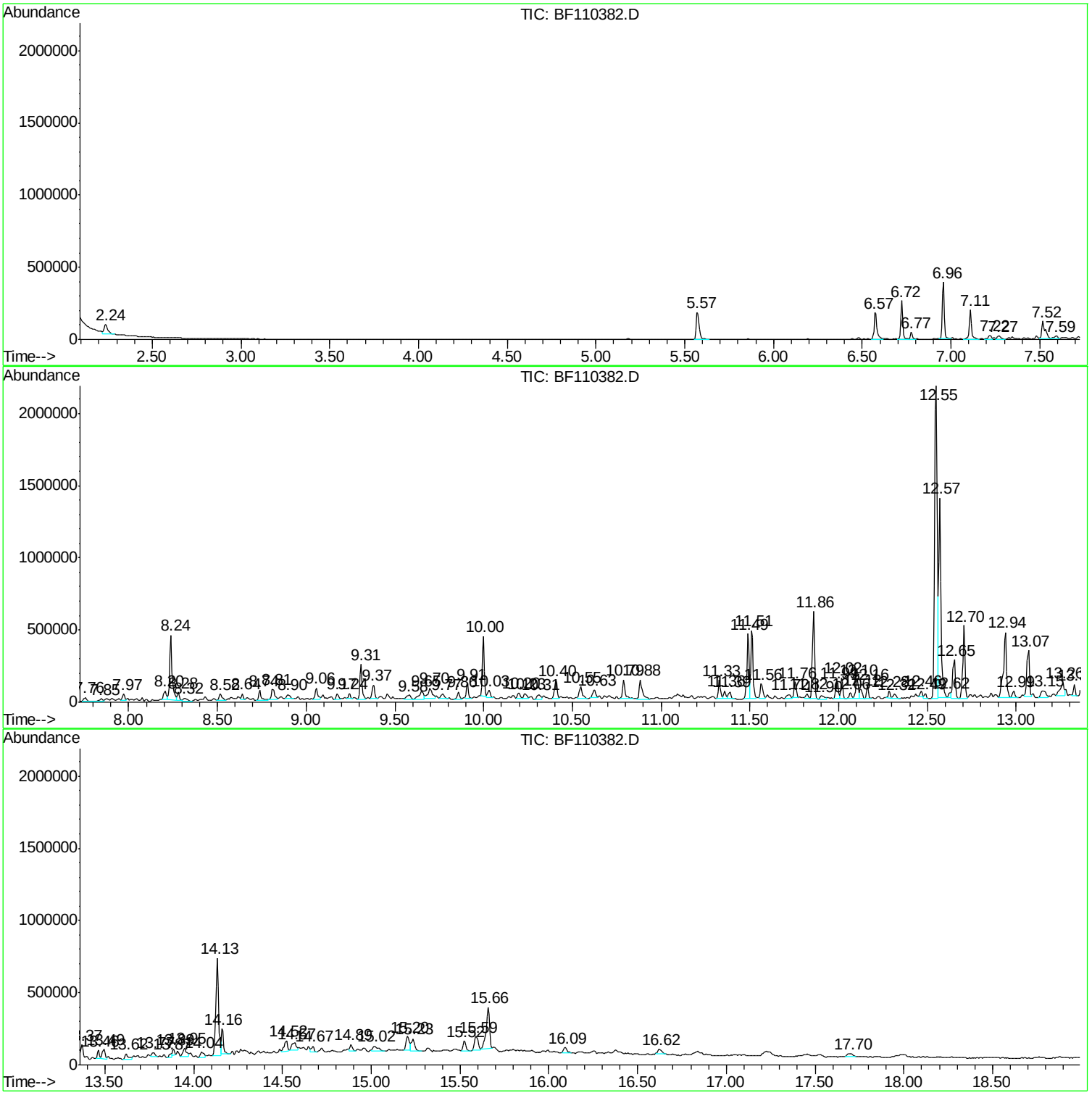
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110382.D
Acq On : 1 Nov 2018 21:55
Operator : JU/SJ
Sample : J5200-17 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-103118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110382.D
Acq On : 1 Nov 2018 21:55
Operator : JU/SJ
Sample : J5200-17 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-103118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

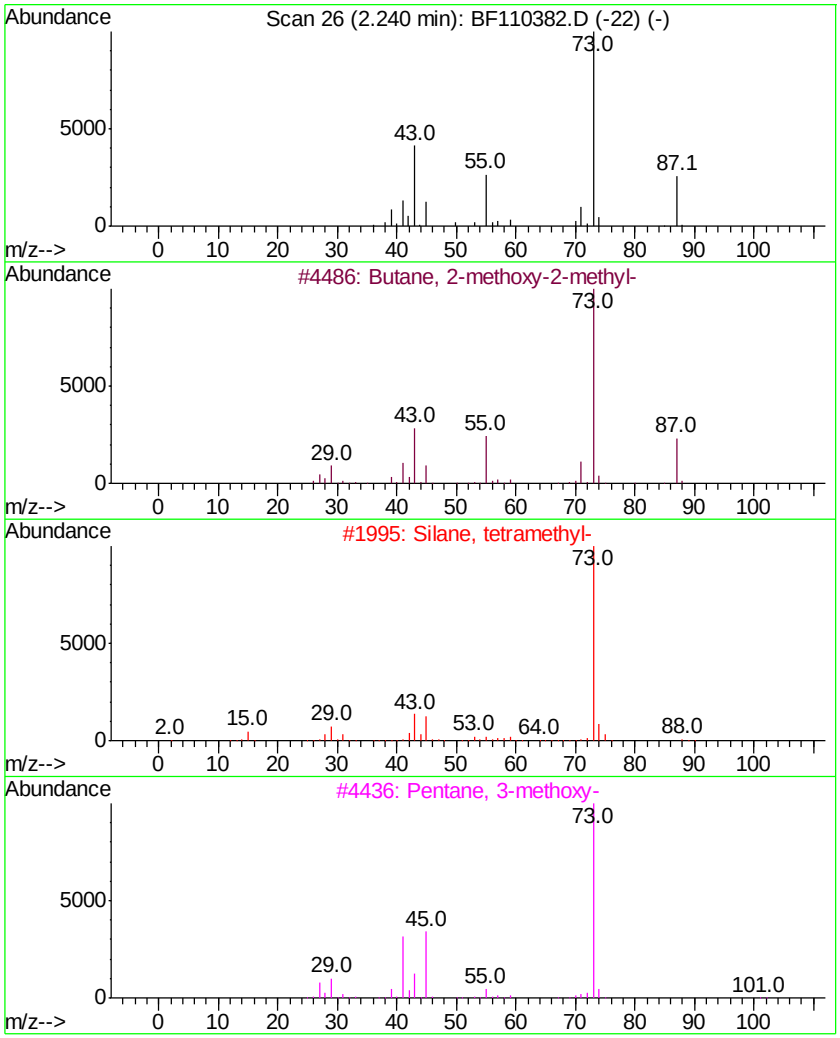
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

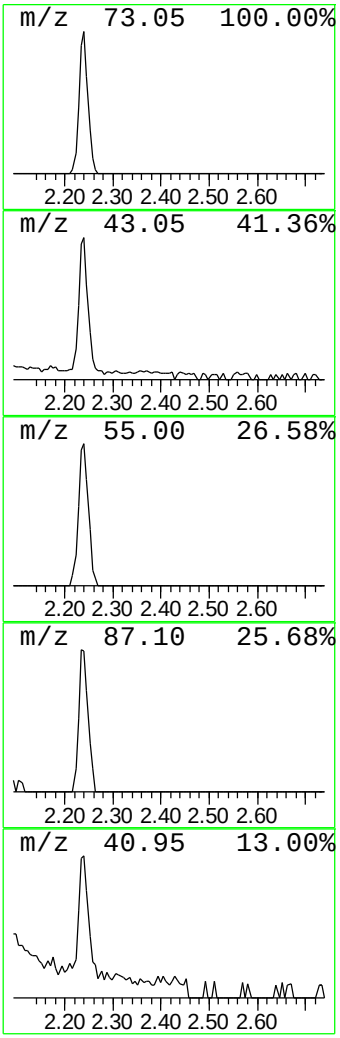
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.24	5.75 ng	99908	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110382.D
Acq On : 1 Nov 2018 21:55
Operator : JU/SJ
Sample : J5200-17 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-103118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

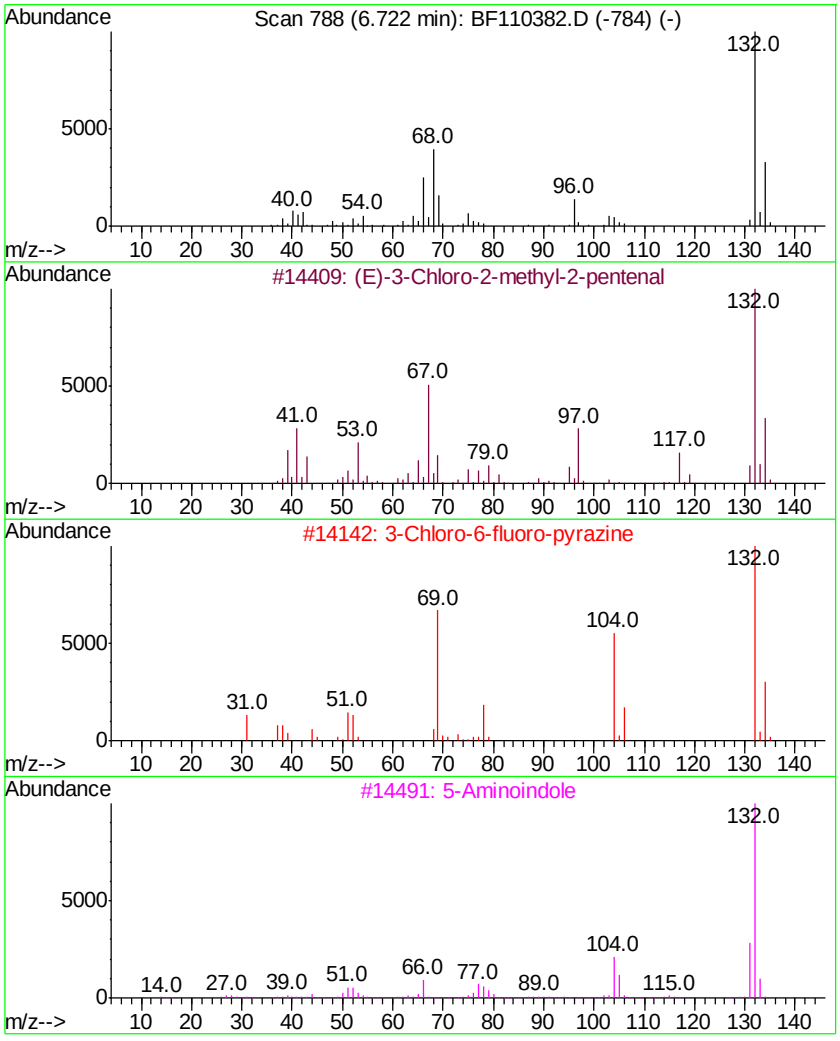
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

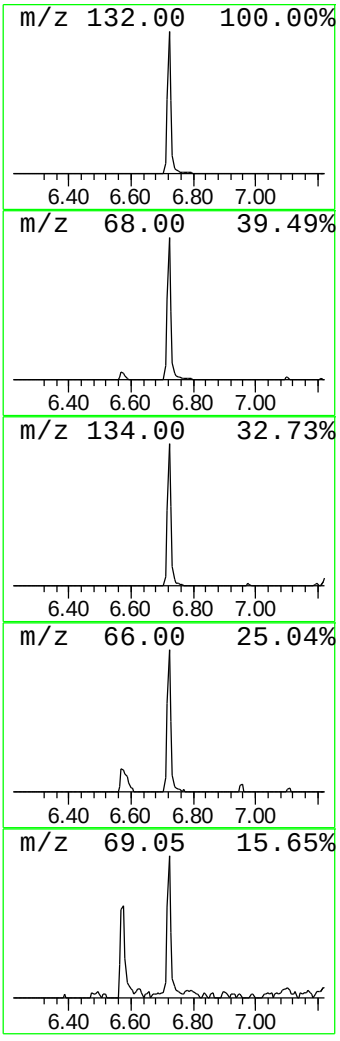
****

Peak Number 2 unknown6.72 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	12.58 ng	218401	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110382.D
Acq On : 1 Nov 2018 21:55
Operator : JU/SJ
Sample : J5200-17 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-103118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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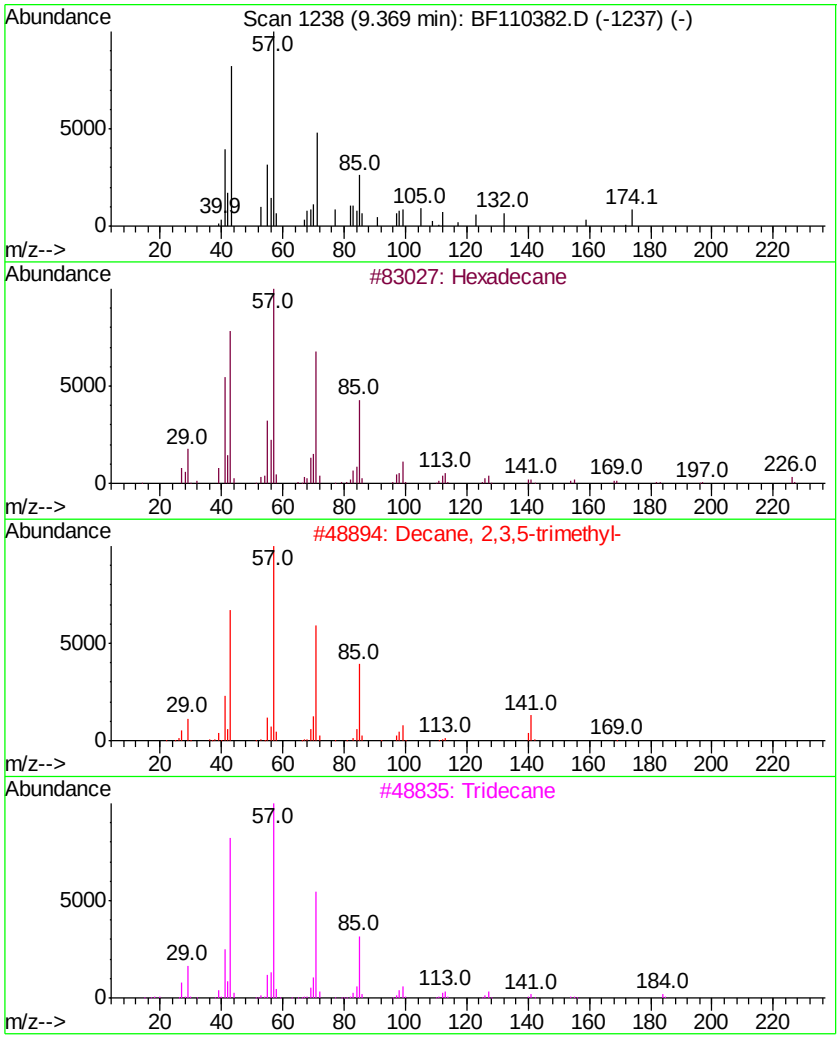
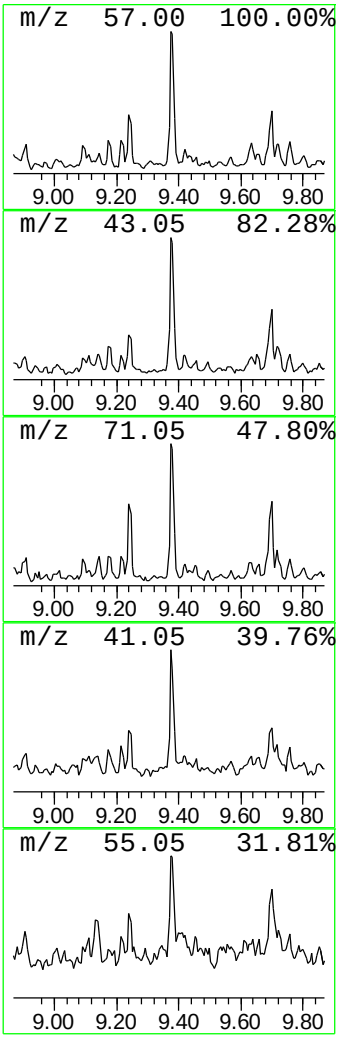
Peak Number 4 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	5.24 ng	89866	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3	Tridecane	184	C13H28	000629-50-5	86
4	Heneicosane	296	C21H44	000629-94-7	83
5	Tetradecane	198	C14H30	000629-59-4	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110382.D
Acq On : 1 Nov 2018 21:55
Operator : JU/SJ
Sample : J5200-17 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-103118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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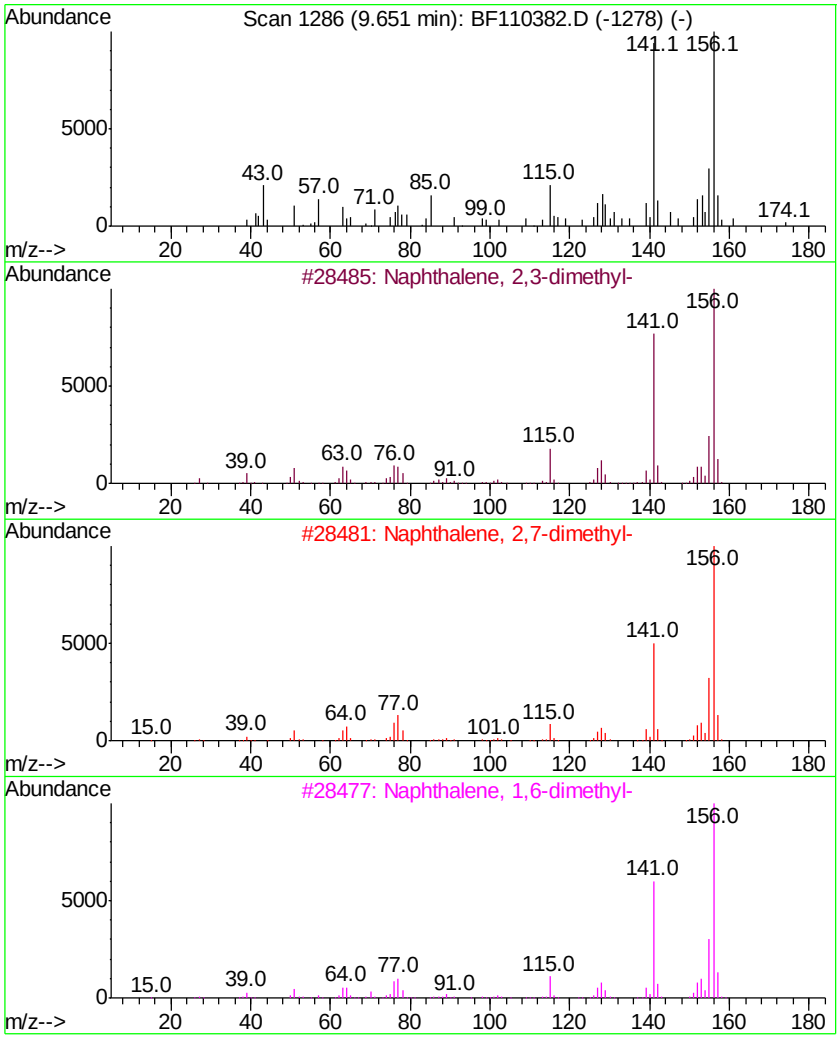
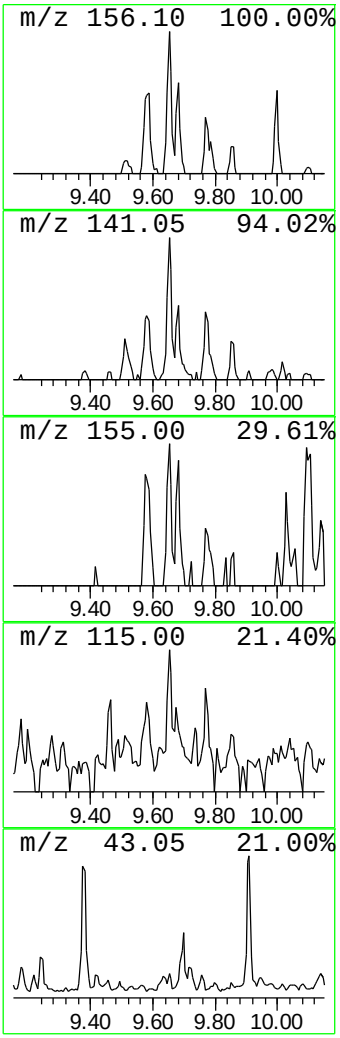
Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	5.33 ng	91374	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110382.D
Acq On : 1 Nov 2018 21:55
Operator : JU/SJ
Sample : J5200-17 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-103118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

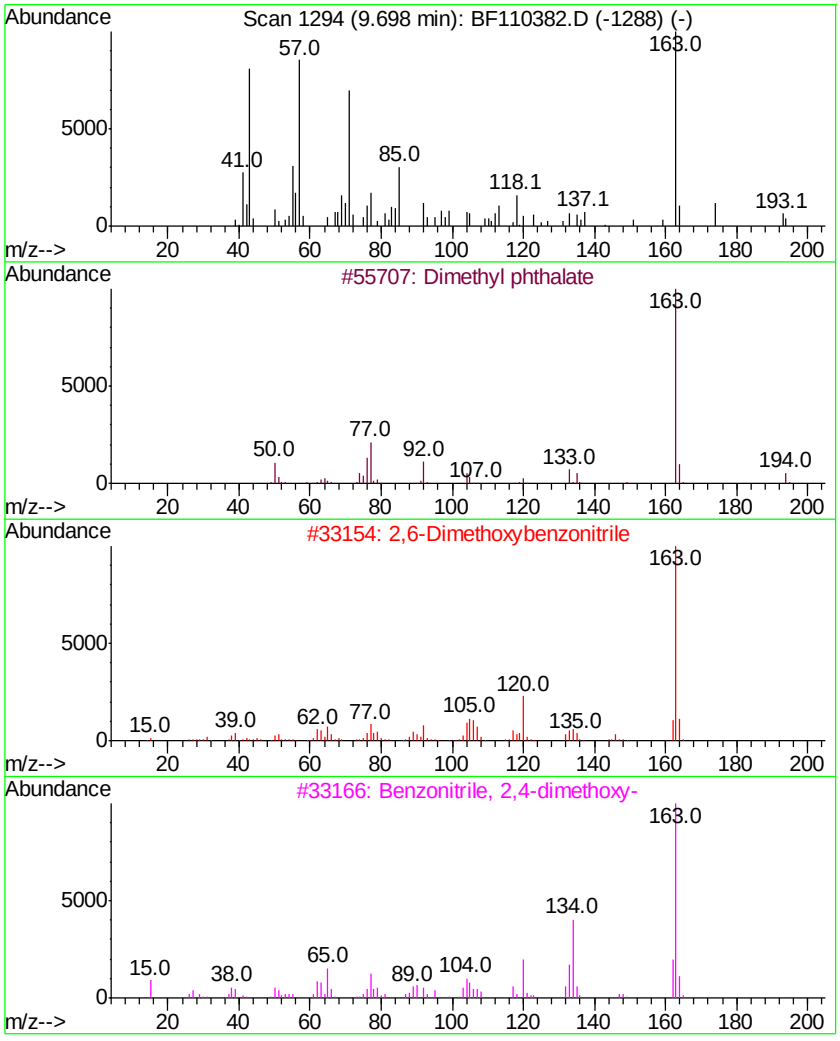
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

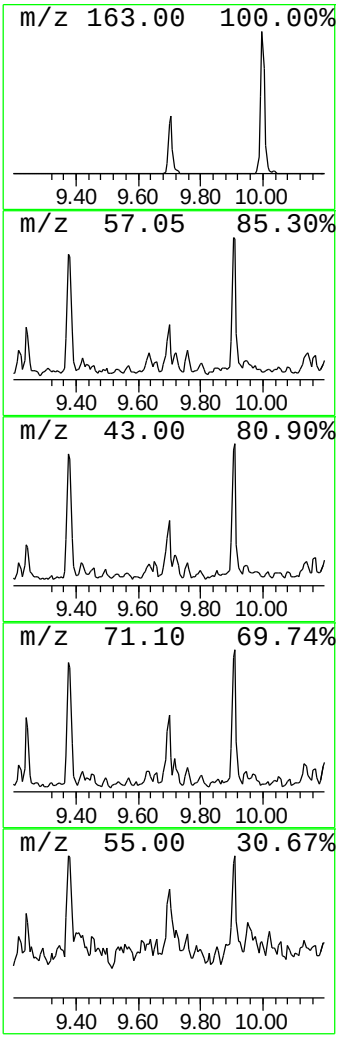
****

Peak Number 6 Dimethyl phthalate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	7.81 ng	134019	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl phthalate	194	C10H10O4	000131-11-3	50
2	2,6-Dimethoxybenzonitrile	163	C9H9NO2	016932-49-3	38
3	Benzonitrile, 2,4-dimethoxy-	163	C9H9NO2	004107-65-7	38
4	Methyl propyl phthalate	222	C12H14O4	1000373-89-2	35
5	Methyl octyl phthalate	292	C17H24O4	091485-83-5	35





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Acq On : 1 Nov 2018 21:55
Operator : JU/SJ
Sample : J5200-17 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-103118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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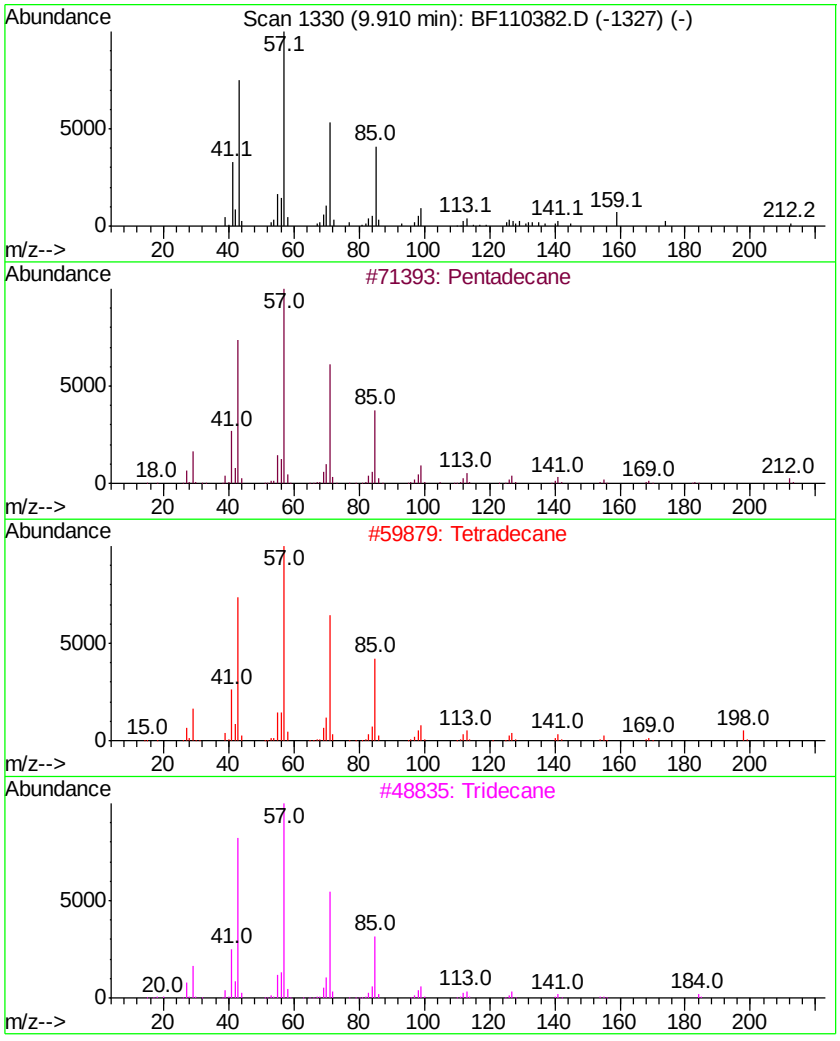
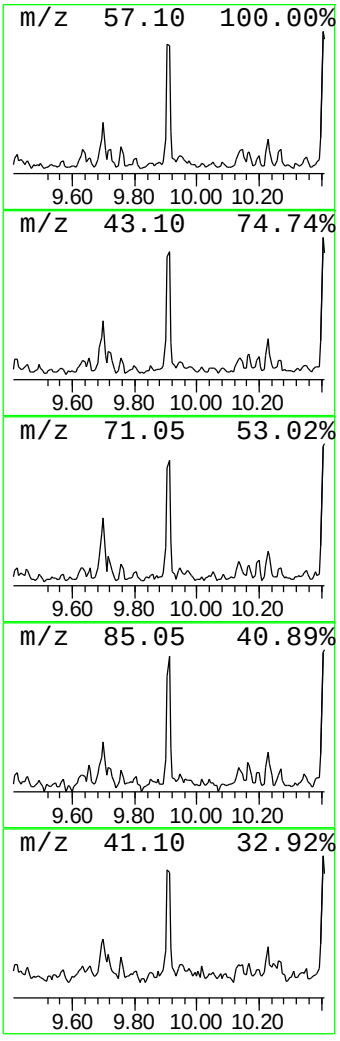
Peak Number 7 Pentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	5.37 ng	92149	Acenaphthene-d10	10.00

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	72
4	Hexadecane	226	C16H34	000544-76-3	64
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	58





Library Search Compound Report

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Operator : JU/SJ
Sample : J5200-17 5X
Misc :
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Instrument : BNA_F
ClientSampleId : OR-03-103118-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

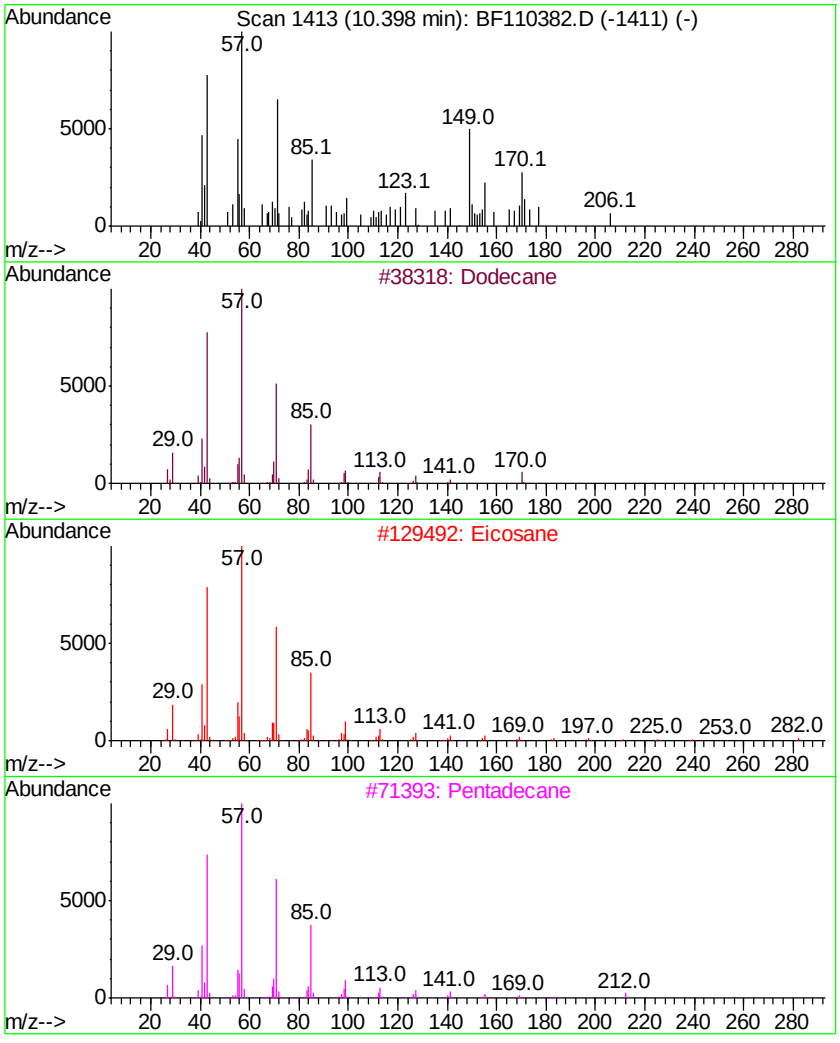
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

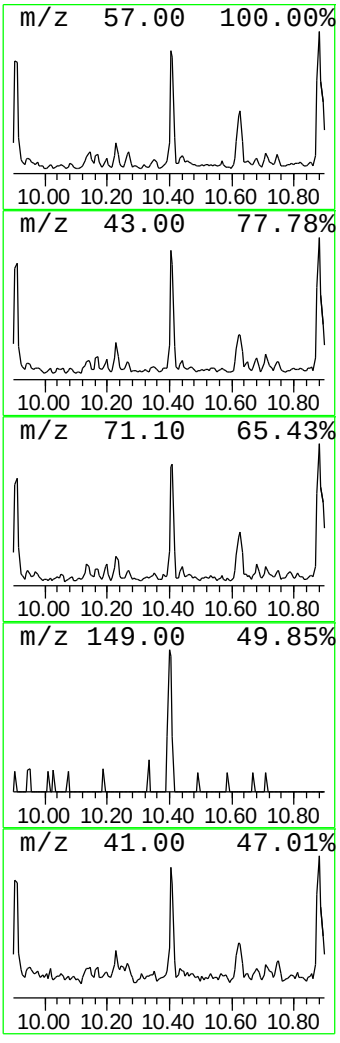
****

Peak Number 8 Dodecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	6.62 ng	113501	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	94
2	Eicosane	282	C20H42	000112-95-8	83
3	Pentadecane	212	C15H32	000629-62-9	83
4	Tetradecane	198	C14H30	000629-59-4	83
5	Hexadecane	226	C16H34	000544-76-3	80





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Sample : J5200-17 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-103118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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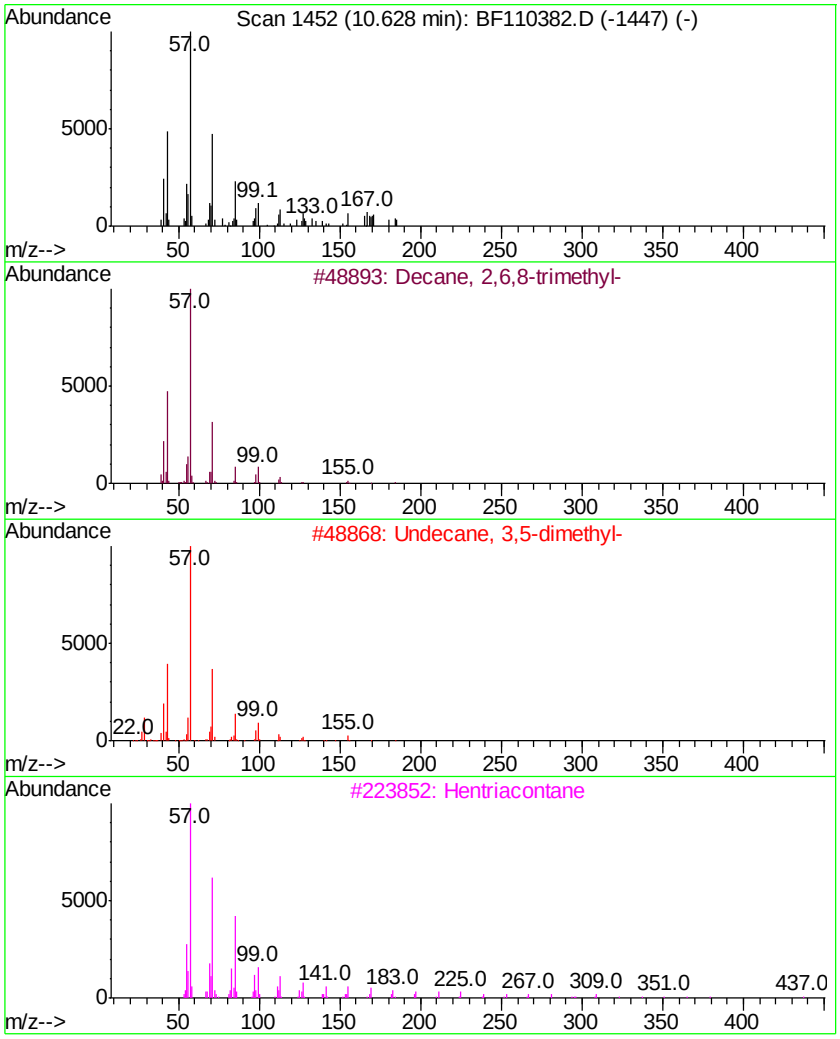
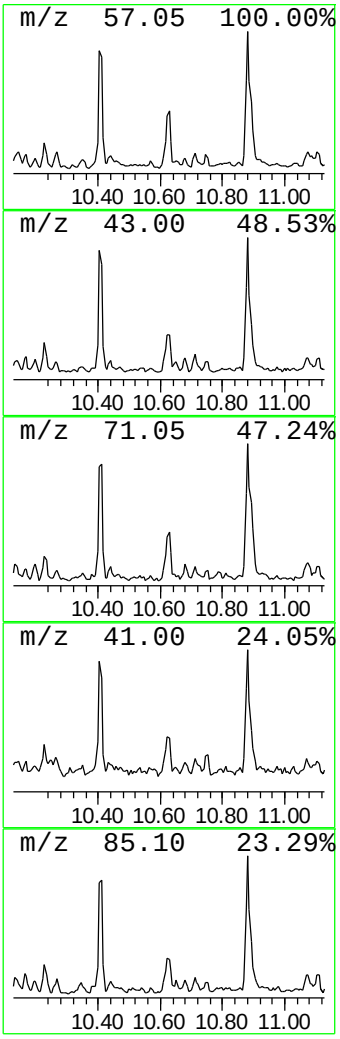
Peak Number 9 Decane, 2,6,8-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	4.05 ng	69519	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	53
3	Hentriacontane	437	C31H64	000630-04-6	53
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	53
5	Dodecane	170	C12H26	000112-40-3	52





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Sample : J5200-17 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-103118-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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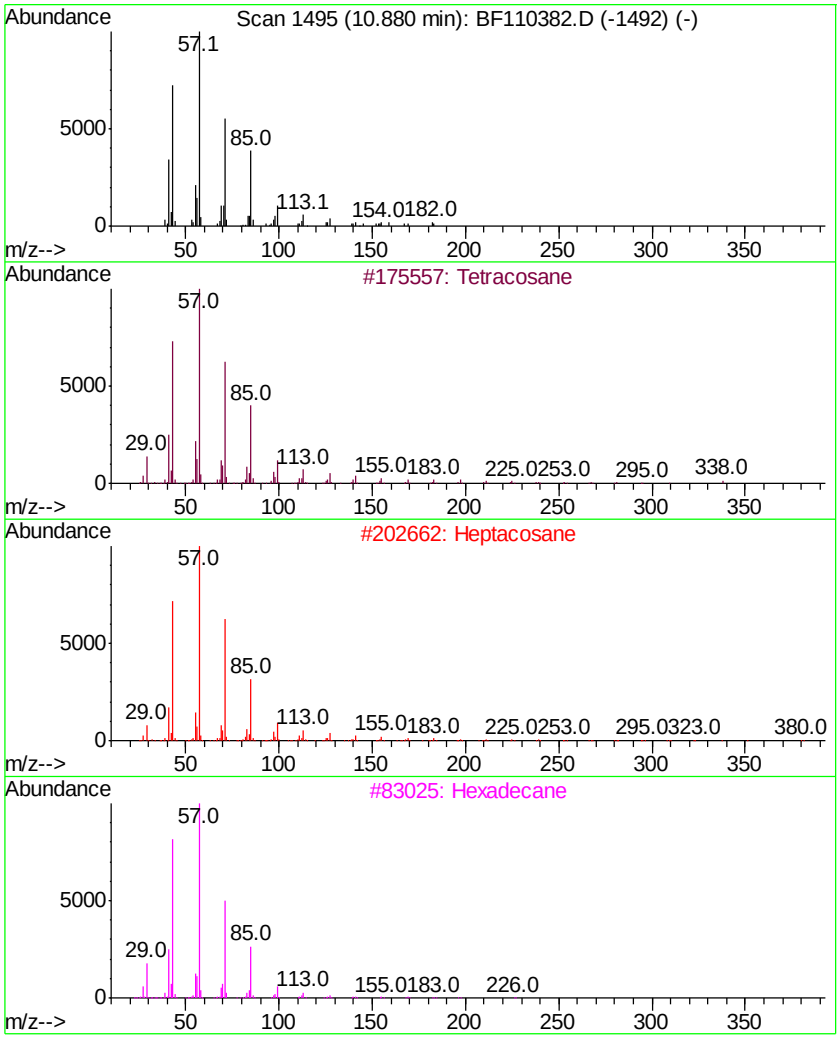
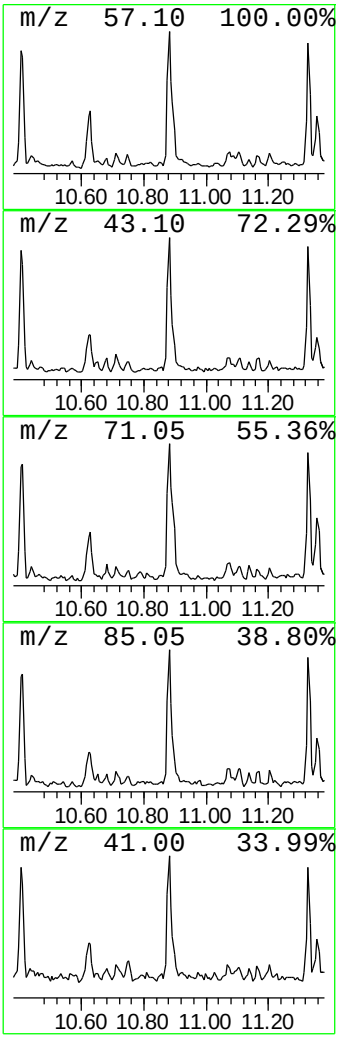
Peak Number 10 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	8.83 ng	172296	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Heptacosane	380	C27H56	000593-49-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





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Sample : J5200-17 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-103118-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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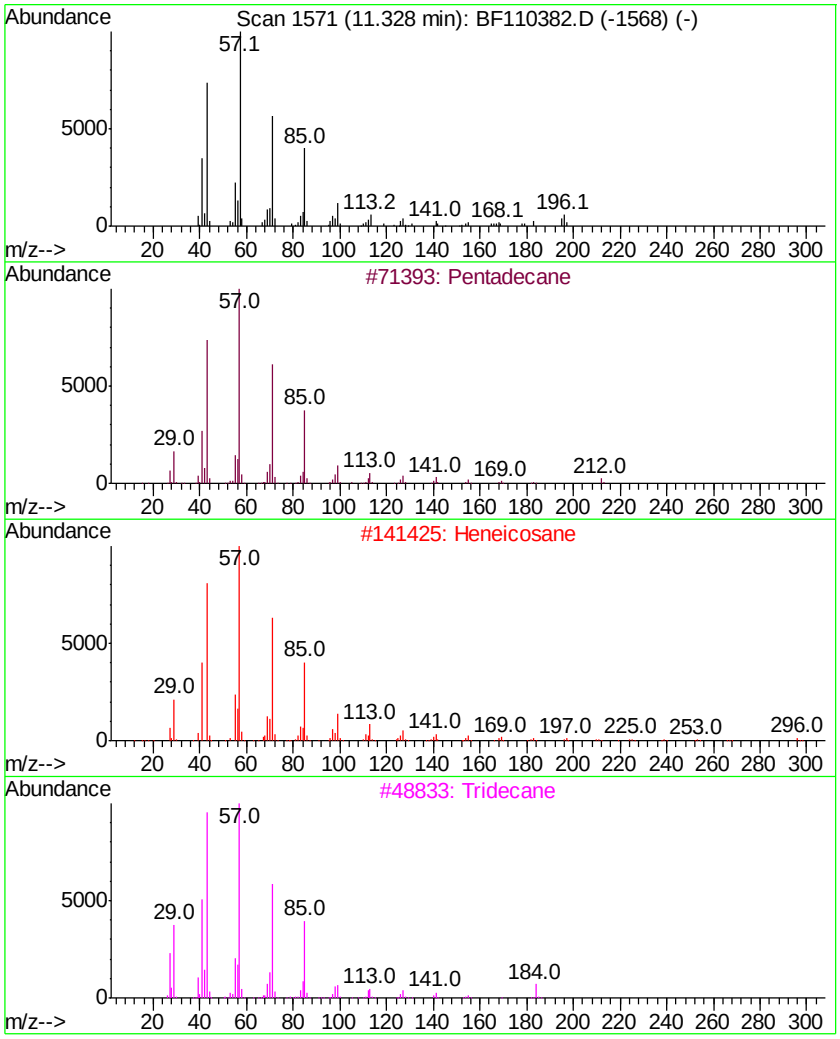
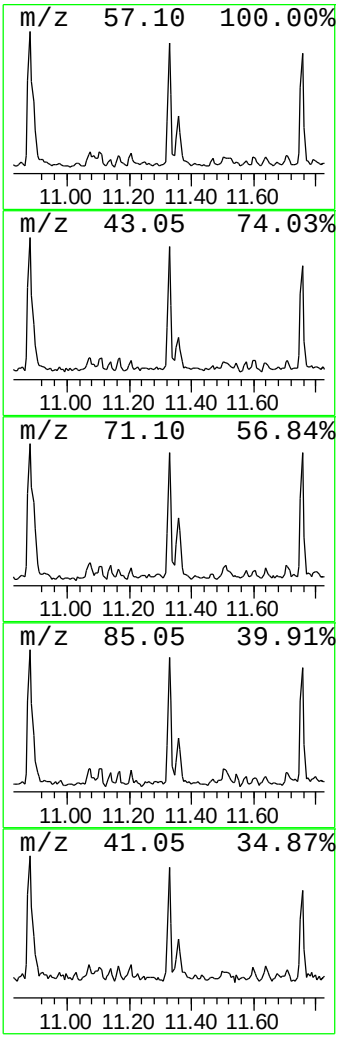
Peak Number 11 Heneicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	5.00 ng	97639	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Tridecane	184	C13H28	000629-50-5	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Tetracosane	338	C24H50	000646-31-1	86





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Sample : J5200-17 5X
Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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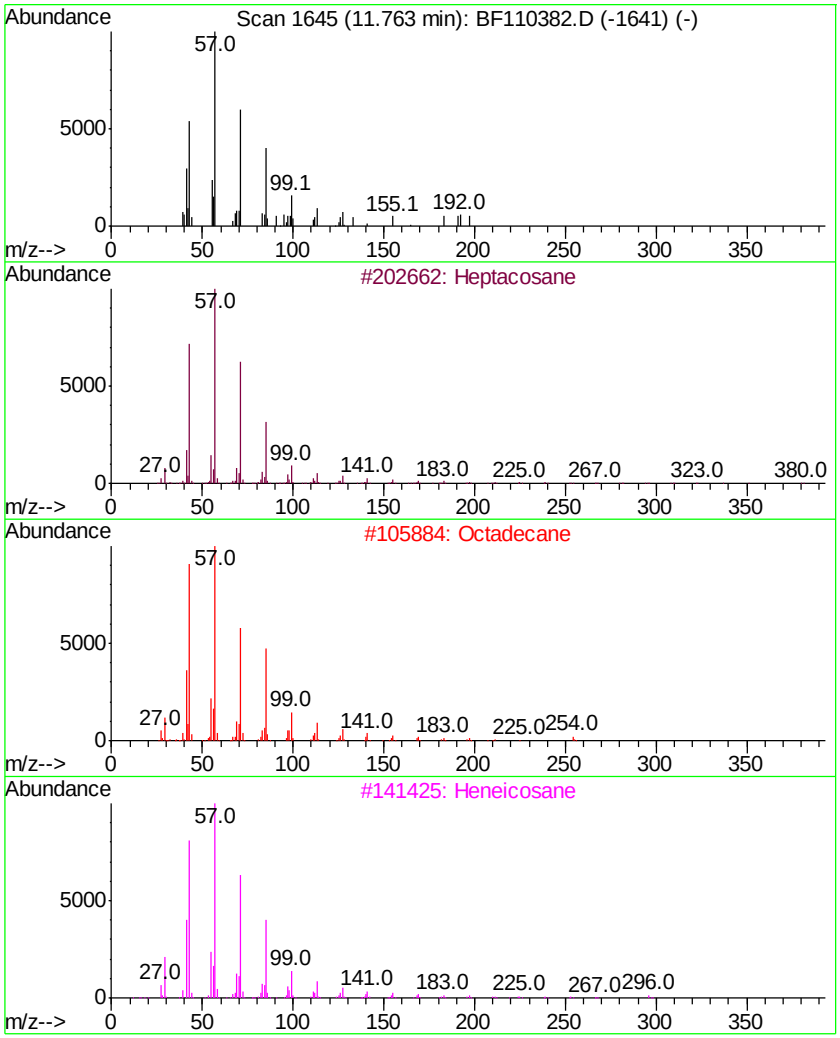
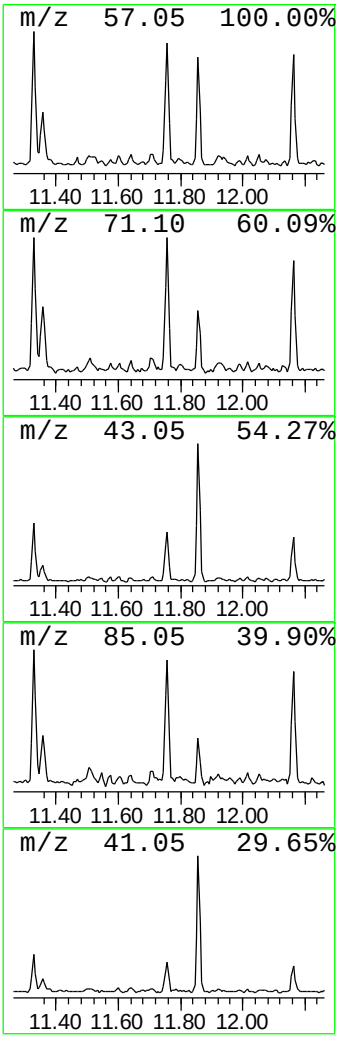
Peak Number 12 Heptacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	4.15 ng	81095	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91





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Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId : OR-03-103118-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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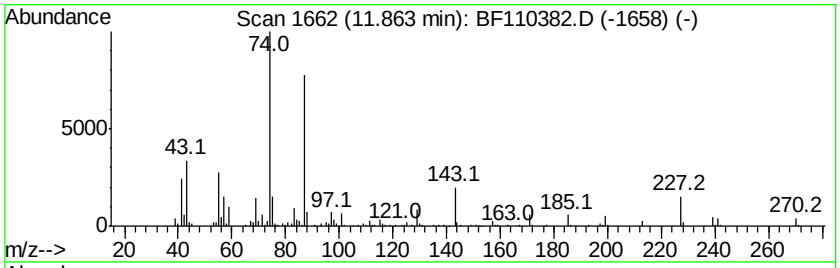
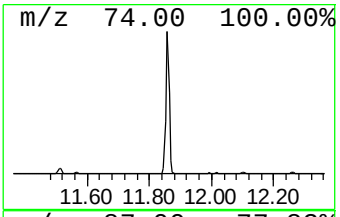
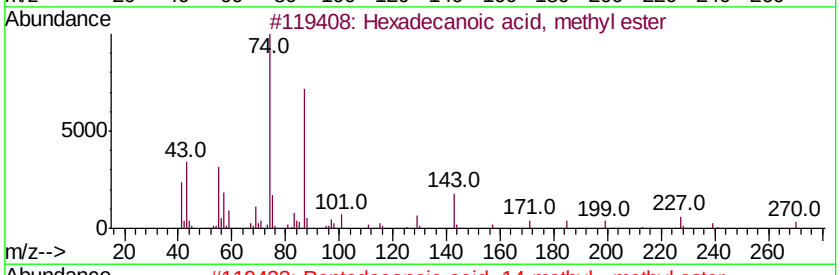
Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 3

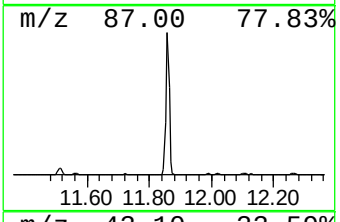
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	22.94 ng	447819	Phenanthrene-d10	11.49

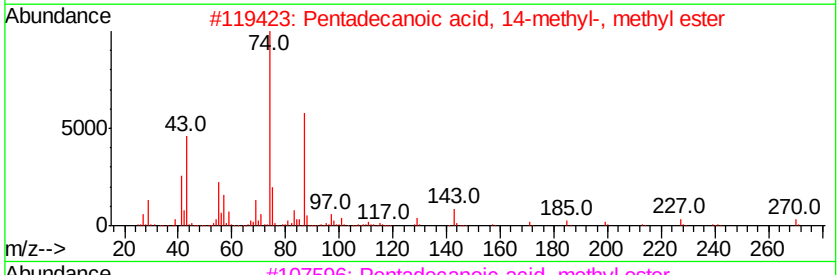
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	99
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80
5	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	80

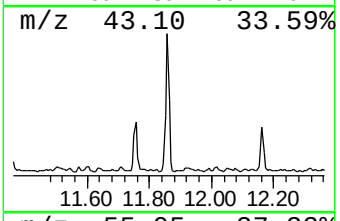


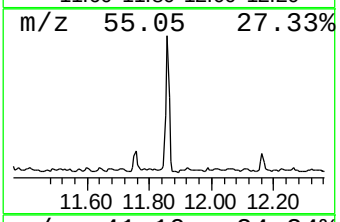


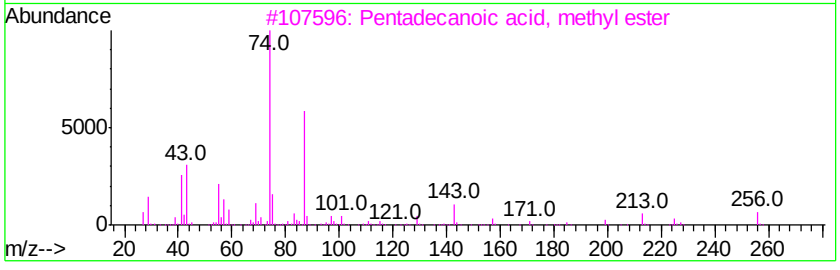


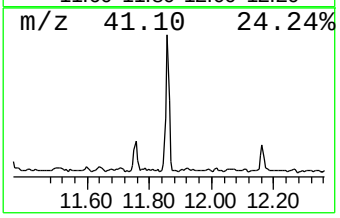












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Acq On : 1 Nov 2018 21:55
Operator : JU/SJ
Sample : J5200-17 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-103118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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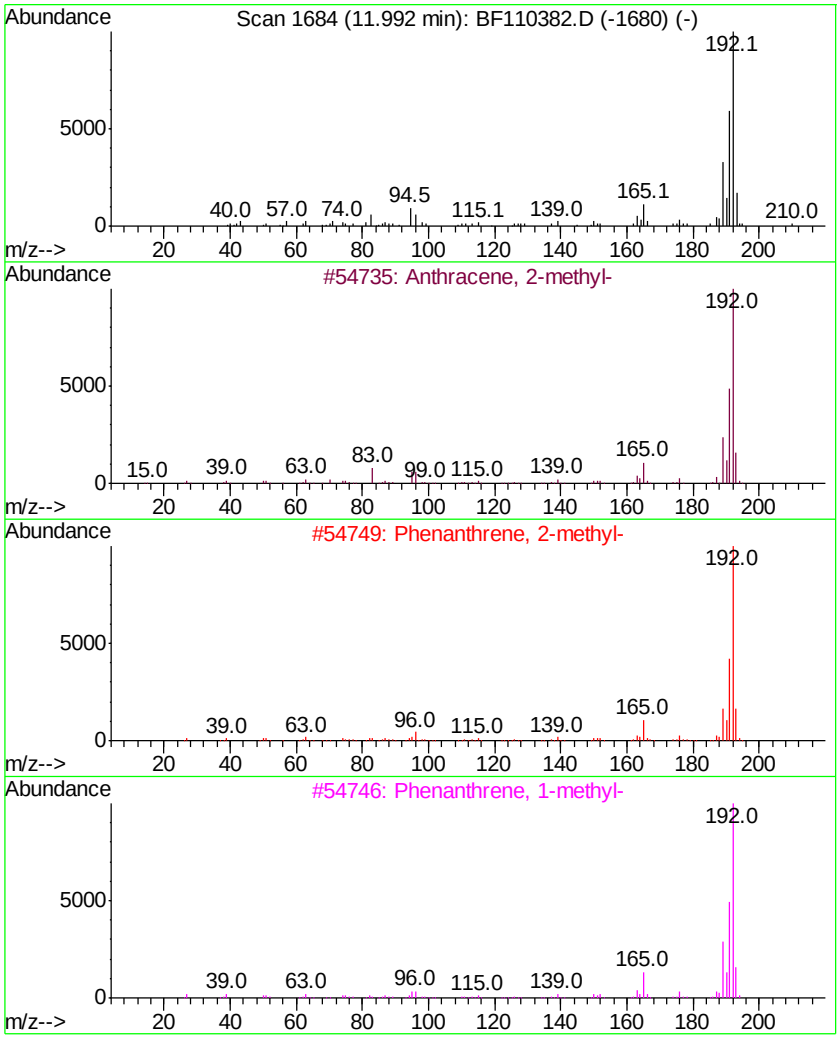
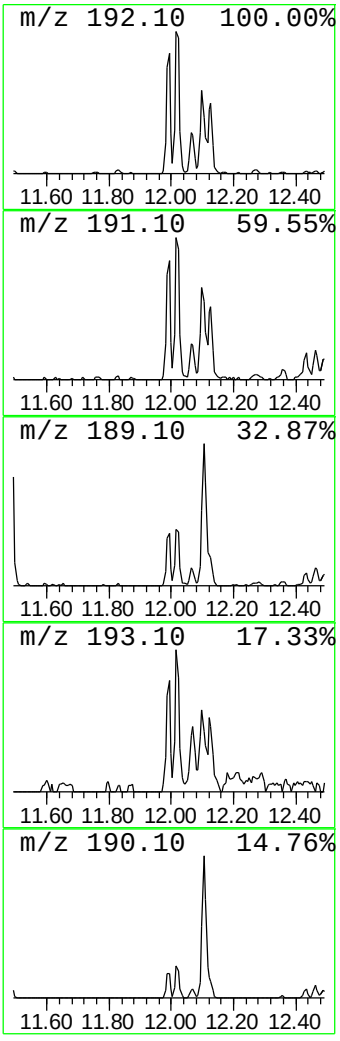
Peak Number 14 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	5.58 ng	108992	Phenanthrene-d10	11.49

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	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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Misc :
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Instrument : BNA_F
ClientSampleId : OR-03-103118-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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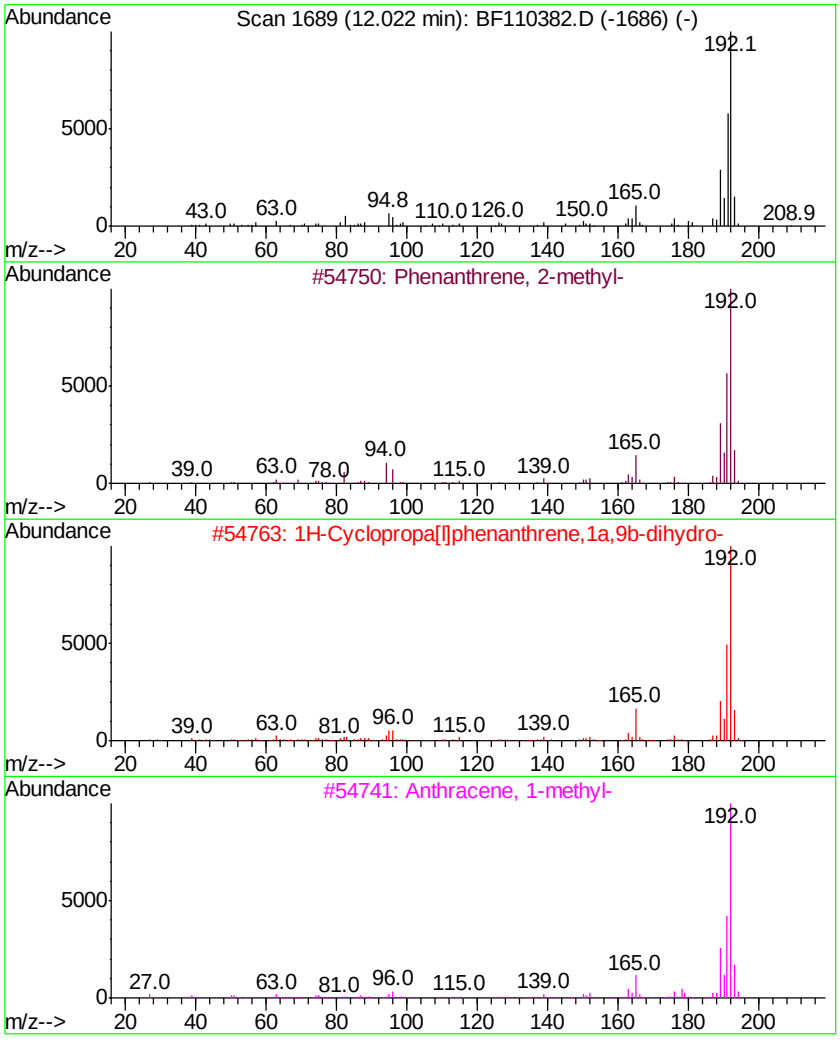
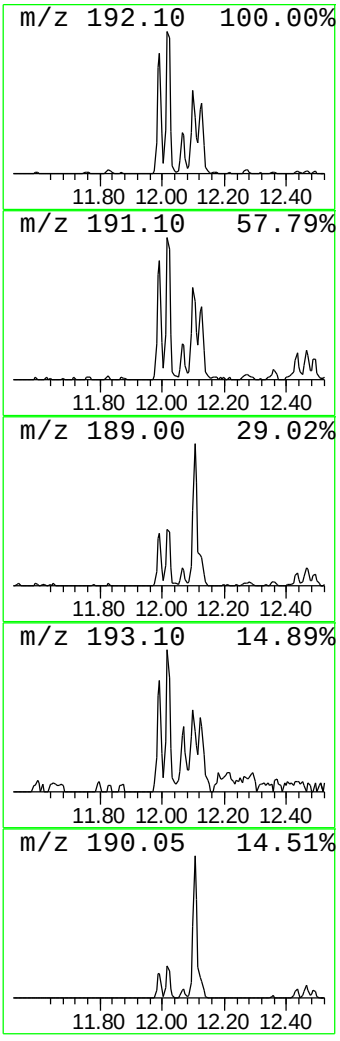
Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	6.43 ng	125567	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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Sample : J5200-17 5X
Misc :
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Instrument : BNA_F
ClientSampleId : OR-03-103118-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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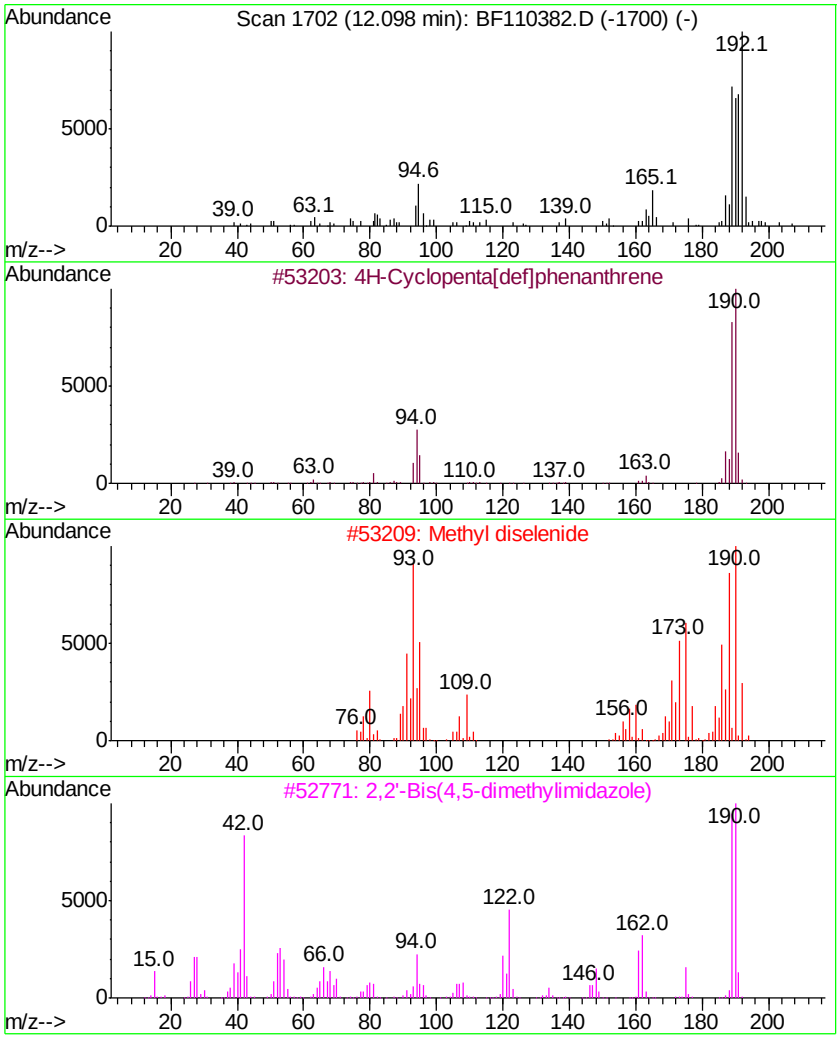
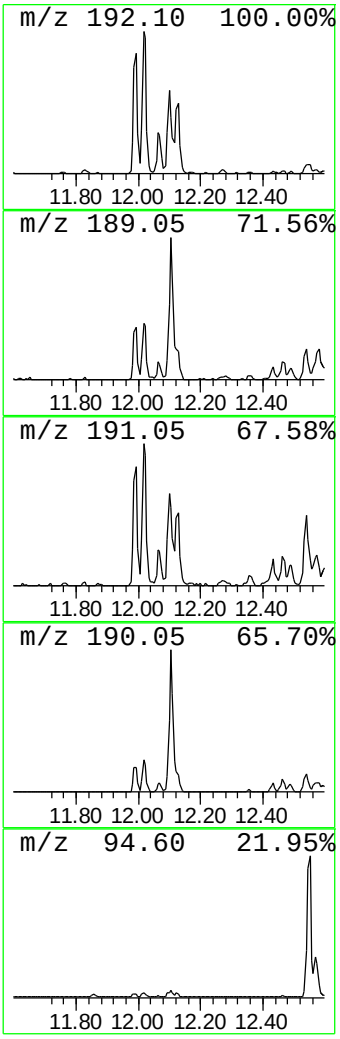
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	7.56 ng	147579	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Methyl diselenide	190	C2H6Se2	007101-31-7	45
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
5	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	9





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Operator : JU/SJ
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-103118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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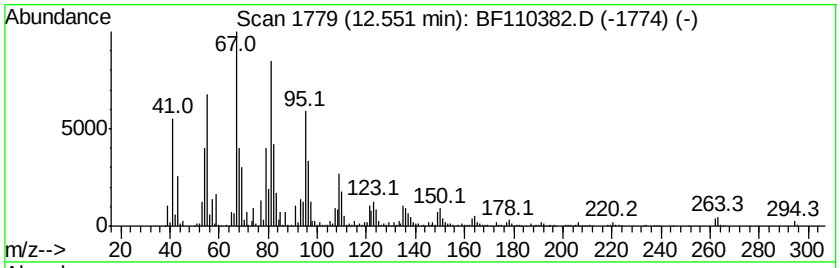
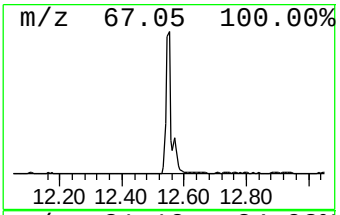
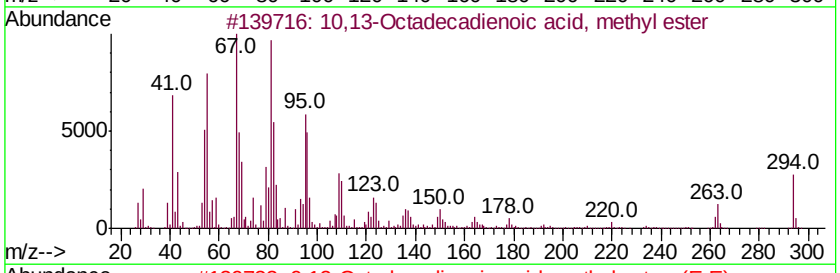
Peak Number 17 10,13-Octadecadienoic acid,... Concentration Rank 1

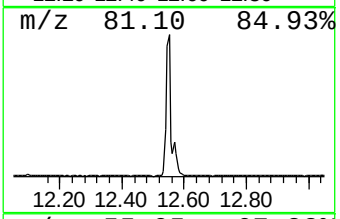
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	105.07 ng	2051010	Phenanthrene-d10	11.49

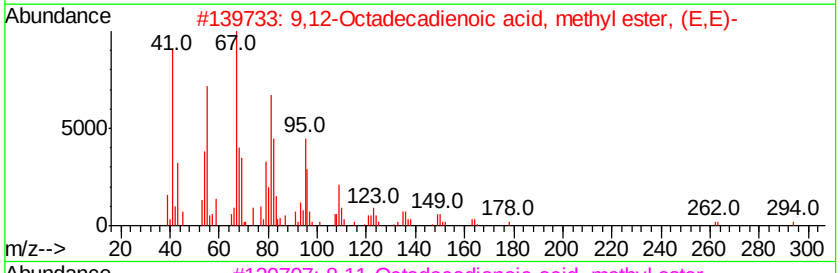
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99

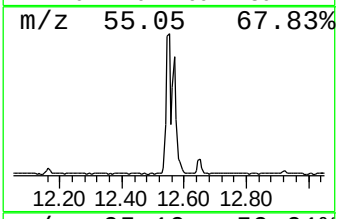


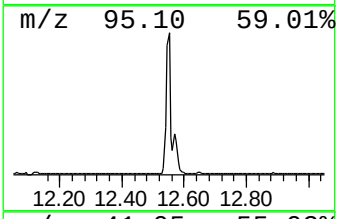


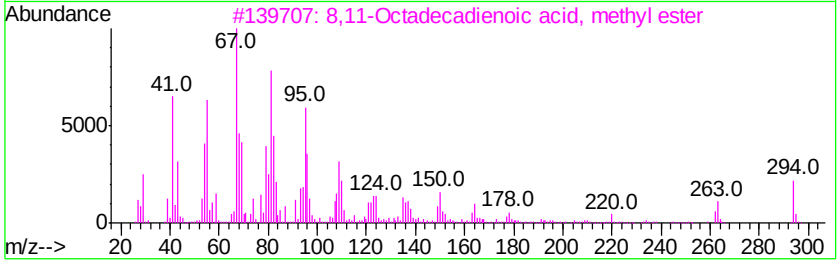


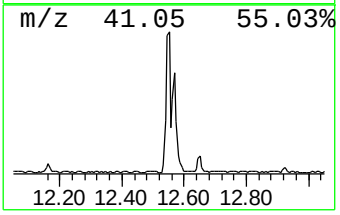












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110382.D
Acq On : 1 Nov 2018 21:55
Operator : JU/SJ
Sample : J5200-17 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-103118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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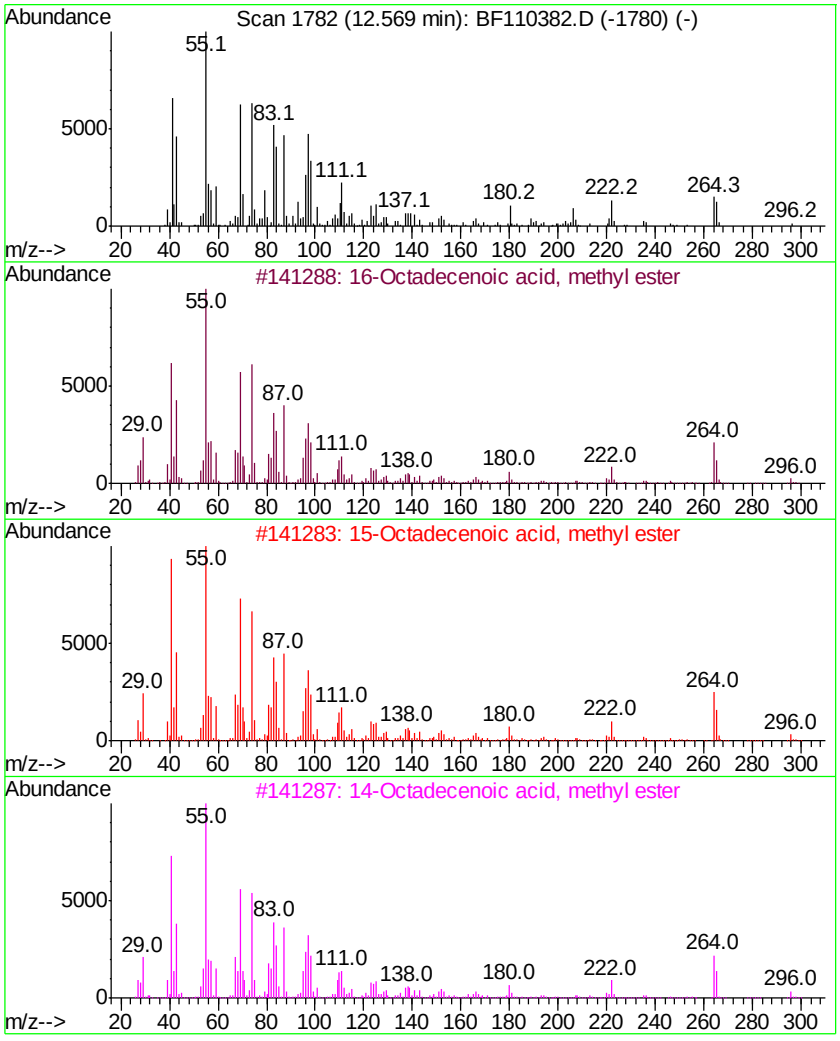
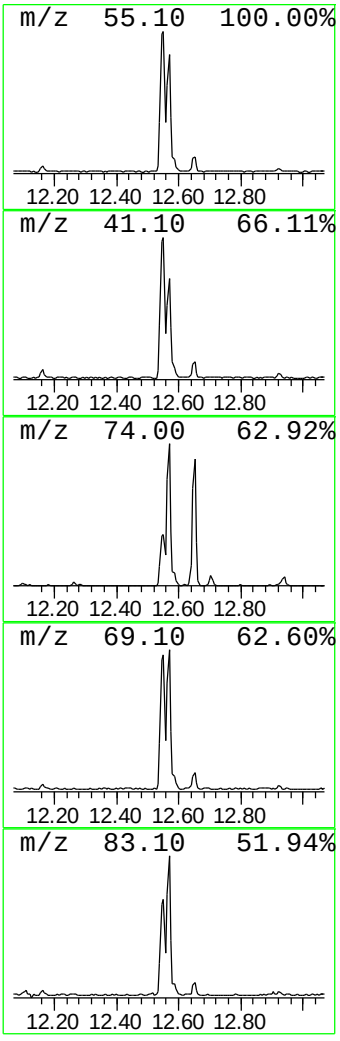
Peak Number 18 16-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	65.99 ng	1288090	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	96
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	96
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	95
4	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	91
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110382.D
Acq On : 1 Nov 2018 21:55
Operator : JU/SJ
Sample : J5200-17 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-103118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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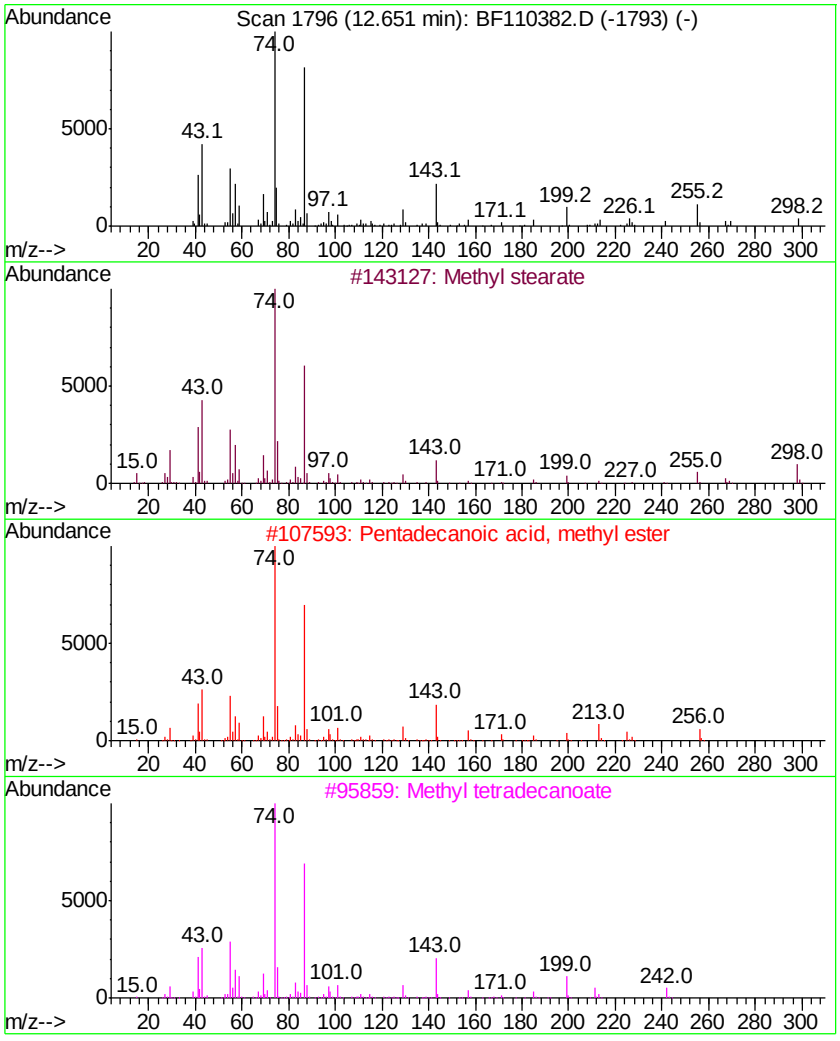
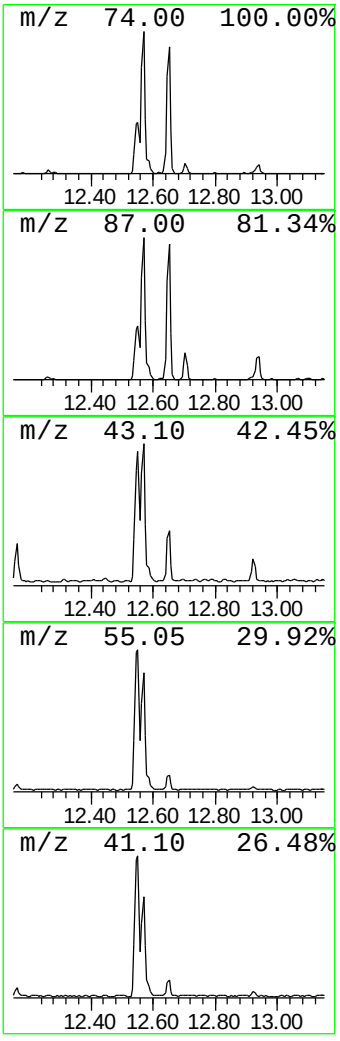
Peak Number 19 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	12.14 ng	236951	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	94
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	74
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
Data File : BF110382.D
Acq On : 1 Nov 2018 21:55
Operator : JU/SJ
Sample : J5200-17 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-103118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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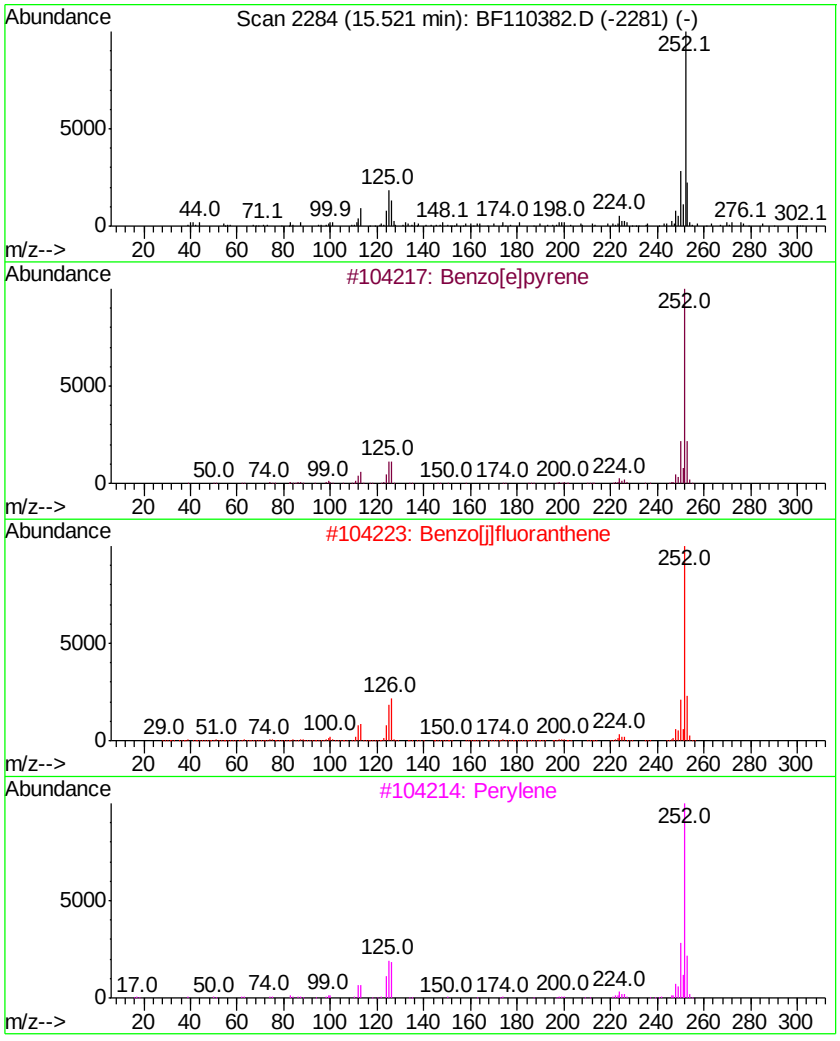
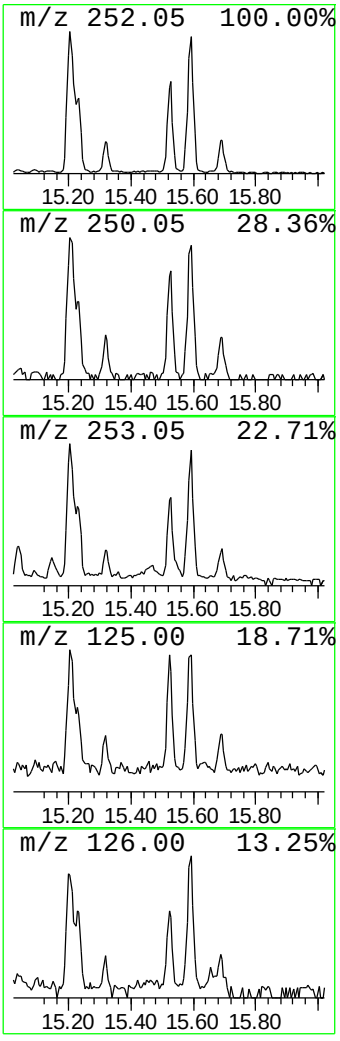
Peak Number 20 Benzo[e]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	4.54 ng	91304	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110118\
Data File : BF110382.D
Acq On : 1 Nov 2018 21:55
Operator : JU/SJ
Sample : J5200-17 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-103118-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.24	5.8	ng	99908	1	6.96	347297	20.0
unknown6.72	6.72	12.6	ng	218401	1	6.96	347297	20.0
Hexadecane	9.37	5.2	ng	89866	3	10.00	343080	20.0
Naphthalene, 2,3-...	9.65	5.3	ng	91374	3	10.00	343080	20.0
Dimethyl phthalate	9.70	7.8	ng	134019	3	10.00	343080	20.0
Pentadecane	9.91	5.4	ng	92149	3	10.00	343080	20.0
Dodecane	10.40	6.6	ng	113501	3	10.00	343080	20.0
Decane, 2,6,8-tri...	10.63	4.0	ng	69519	3	10.00	343080	20.0
Tetracosane	10.88	8.8	ng	172296	4	11.49	390395	20.0
Heneicosane	11.33	5.0	ng	97639	4	11.49	390395	20.0
Heptacosane	11.76	4.2	ng	81095	4	11.49	390395	20.0
Hexadecanoic acid...	11.86	22.9	ng	447819	4	11.49	390395	20.0
Anthracene, 2-met...	11.99	5.6	ng	108992	4	11.49	390395	20.0
Phenanthrene, 2-m...	12.02	6.4	ng	125567	4	11.49	390395	20.0
4H-Cyclopenta[def...	12.10	7.6	ng	147579	4	11.49	390395	20.0
10,13-Octadecadie...	12.55	105.1	ng	2051010	4	11.49	390395	20.0
16-Octadecenoic a...	12.57	66.0	ng	1288090	4	11.49	390395	20.0
Methyl stearate	12.65	12.1	ng	236951	4	11.49	390395	20.0
Benzo[e]pyrene	15.52	4.5	ng	91304	6	15.66	402200	20.0