LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
Data File : BF109143.D
Acq On : 19 Sep 2018 15:08
Operator : JU/SJ
Sample : J4967-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-UST-091718-02

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-BF091418.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	4.119	300	303	306	rBV	33541	45278	1.66%	0.140%
2	4.331	333	339	352	rBV3	143746	219695	8.06%	0.680%
3	4.907	433	437	444	rVB2	85827	137440	5.04%	0.425%
4	5.295	500	503	505	rBV	58752	64650	2.37%	0.200%
5	5.331	505	509	512	rVB	1775801	1656914	60.78%	5.129%
6	5.507	537	539	542	rVB	57840	52440	1.92%	0.162%
7	5.642	558	562	566	rBV2	93980	129733	4.76%	0.402%
8	5.884	600	603	608	rVB2	46507	49153	1.80%	0.152%
9	6.160	647	650	652	rBV	60016	64309	2.36%	0.199%
10	6.260	660	667	673	rBV3	131768	208791	7.66%	0.646%
11	6.325	676	678	679	rVV	67025	51453	1.89%	0.159%
12	6.354	679	683	689	rVB	1849736	1779896	65.29%	5.509%
13	6.431	694	696	701	rVB2	52204	44719	1.64%	0.138%
14	6.489	702	706	709	rBV	2142241	1836637	67.38%	5.685%
15	6.572	718	720	722	rVB	114681	77020	2.83%	0.238%
16	6.595	722	724	731	rVB	70139	67876	2.49%	0.210%
17	6.660	731	735	742	rBV5	31516	49731	1.82%	0.154%
18	6.719	742	745	748	rBV	935974	754337	27.67%	2.335%
19	6.748	748	750	754	rVB3	61936	59340	2.18%	0.184%
20	6.878	768	772	775	rBV	1926598	1578853	57.92%	4.887%
21	6.936	780	782	786	rVB4	42419	40855	1.50%	0.126%
22	7.001	790	793	797	rVB2	64684	71015	2.61%	0.220%
23	7.042	797	800	804	rBV2	104555	123760	4.54%	0.383%
24	7.095	804	809	811	rBV2	55418	72059	2.64%	0.223%
25	7.125	811	814	817	rBV3	85275	82013	3.01%	0.254%
26	7.278	834	840	843	rBV	1362913	1265853	46.44%	3.918%
27	7.307	843	845	847	rVV2	79831	84552	3.10%	0.262%
28	7.331	847	849	853	rVV	133824	122024	4.48%	0.378%
29	7.372	853	856	860	rVB3	94377	99450	3.65%	0.308%
30	7.536	879	884	887	rVB3	54008	68242	2.50%	0.211%
31	7.672	904	907	910	rVB4	33366	42167	1.55%	0.131%
32	7.731	910	917	919	rBV3	75446	132462	4.86%	0.410%
33	7.760	919	922	929	rVV4	105170	168829	6.19%	0.523%
34	7.819	929	932	938	rVB5	56377	84950	3.12%	0.263%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
Data File : BF109143.D
Acq On : 19 Sep 2018 15:08
Operator : JU/SJ
Sample : J4967-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-UST-091718-02

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-BF091418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.872	938	941	944	rBV2	46930	46460	1.70%	0.144%
36	7.913	944	948	951	rBV	93534	104766	3.84%	0.324%
37	7.948	951	954	956	rVV	60064	58947	2.16%	0.182%
38	8.001	959	963	966	rBV	1230956	1007277	36.95%	3.118%
39	8.048	969	971	974	rVV2	96422	98392	3.61%	0.305%
40	8.360	1020	1024	1027	rBV	129875	149986	5.50%	0.464%
41	8.442	1035	1038	1041	rVB	124426	108115	3.97%	0.335%
42	8.566	1056	1059	1064	rBV	68232	71101	2.61%	0.220%
43	8.607	1064	1066	1070	rVV	148753	123147	4.52%	0.381%
44	8.660	1073	1075	1080	rVV4	69883	66469	2.44%	0.206%
45	8.713	1080	1084	1088	rVB2	154798	153698	5.64%	0.476%
46	8.760	1089	1092	1094	rVV	44596	41413	1.52%	0.128%
47	8.813	1098	1101	1103	rBV	103386	83719	3.07%	0.259%
48	8.848	1104	1107	1111	rBV3	38472	48257	1.77%	0.149%
49	8.925	1117	1120	1125	rVB3	114950	110749	4.06%	0.343%
50	9.001	1130	1133	1135	rBV3	29340	42258	1.55%	0.131%
51	9.036	1137	1139	1142	rVB2	72137	58860	2.16%	0.182%
52	9.077	1142	1146	1149	rBV	2377876	1890813	69.36%	5.853%
53	9.142	1154	1157	1159	rBV	78711	67905	2.49%	0.210%
54	9.172	1159	1162	1167	rVB3	177982	187299	6.87%	0.580%
55	9.230	1170	1172	1177	rVB2	96033	89299	3.28%	0.276%
56	9.272	1177	1179	1184	rVB	76797	72447	2.66%	0.224%
57	9.336	1187	1190	1195	rBV	59960	80646	2.96%	0.250%
58	9.413	1200	1203	1205	rBV	106345	93803	3.44%	0.290%
59	9.436	1205	1207	1209	rVV	66624	49719	1.82%	0.154%
60	9.466	1209	1212	1215	rVV	319897	302474	11.10%	0.936%
61	9.489	1215	1216	1218	rVB	73768	51897	1.90%	0.161%
62	9.613	1233	1237	1239	rBV	87007	95749	3.51%	0.296%
63	9.701	1250	1252	1256	rVB	135655	106534	3.91%	0.330%
64	9.754	1256	1261	1270	rBV	880176	978845	35.91%	3.030%
65	9.930	1288	1291	1293	rBV4	57730	60601	2.22%	0.188%
66	9.954	1293	1295	1296	rVV	117218	93997	3.45%	0.291%
67	9.972	1296	1298	1300	rVV	154909	126369	4.64%	0.391%
68	9.995	1300	1302	1304	rVV	72611	61220	2.25%	0.189%
69	10.024	1305	1307	1310	rVB4	47780	49482	1.82%	0.153%
70	10.072	1312	1315	1317	rVV	41288	44435	1.63%	0.138%
71	10.166	1327	1331	1333	rVV2	91879	121965	4.47%	0.378%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J4967-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-UST-091718-02

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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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.195	1334	1336	1339	rVB	126499	109694	4.02%	0.340%
73	10.313	1354	1356	1360	rVB4	43109	48258	1.77%	0.149%
74	10.419	1371	1374	1376	rVB2	77949	81211	2.98%	0.251%
75	10.454	1377	1380	1382	rBV	96926	80456	2.95%	0.249%
76	10.536	1390	1394	1398	rBV	1146792	1051969	38.59%	3.256%
77	10.666	1413	1416	1418	rBV2	221710	216100	7.93%	0.669%
78	10.748	1426	1430	1434	rBV4	84169	104507	3.83%	0.323%
79	10.913	1456	1458	1463	rVB3	94262	88417	3.24%	0.274%
80	11.030	1476	1478	1483	rVB3	76901	83978	3.08%	0.260%
81	11.119	1490	1493	1496	rVB3	158963	150285	5.51%	0.465%
82	11.201	1504	1507	1509	rBV3	53381	53911	1.98%	0.167%
83	11.230	1509	1512	1514	rVV	914299	812691	29.81%	2.515%
84	11.254	1514	1516	1519	rVV	676420	496338	18.21%	1.536%
85	11.301	1522	1524	1528	rVB	137705	113470	4.16%	0.351%
86	11.542	1562	1565	1570	rVB3	131306	177053	6.50%	0.548%
87	11.730	1595	1597	1600	rBV2	145308	188592	6.92%	0.584%
88	11.760	1600	1602	1603	rVV	215226	199078	7.30%	0.616%
89	11.789	1603	1607	1613	rVV	1592957	1829790	67.12%	5.664%
90	11.836	1613	1615	1618	rVV	162123	148789	5.46%	0.461%
91	11.948	1631	1634	1639	rBV3	195885	285739	10.48%	0.884%
92	12.283	1688	1691	1692	rBV	184114	192622	7.07%	0.596%
93	12.301	1692	1694	1698	rVB2	396446	378127	13.87%	1.170%
94	12.401	1708	1711	1714	rBV	641969	561892	20.61%	1.739%
95	12.436	1714	1717	1720	rVV	811716	705465	25.88%	2.184%
96	12.489	1723	1726	1731	rVB3	230905	318573	11.69%	0.986%
97	12.577	1736	1741	1747	rVV	2063258	2725952	100.00%	8.438%
98	12.665	1753	1756	1759	rVB	685936	576551	21.15%	1.785%
99	12.818	1778	1782	1784	rBV	1611606	1587993	58.25%	4.915%
100	13.865	1958	1960	1963	rVB	662293	554240	20.33%	1.716%

Sum of corrected areas: 32307350

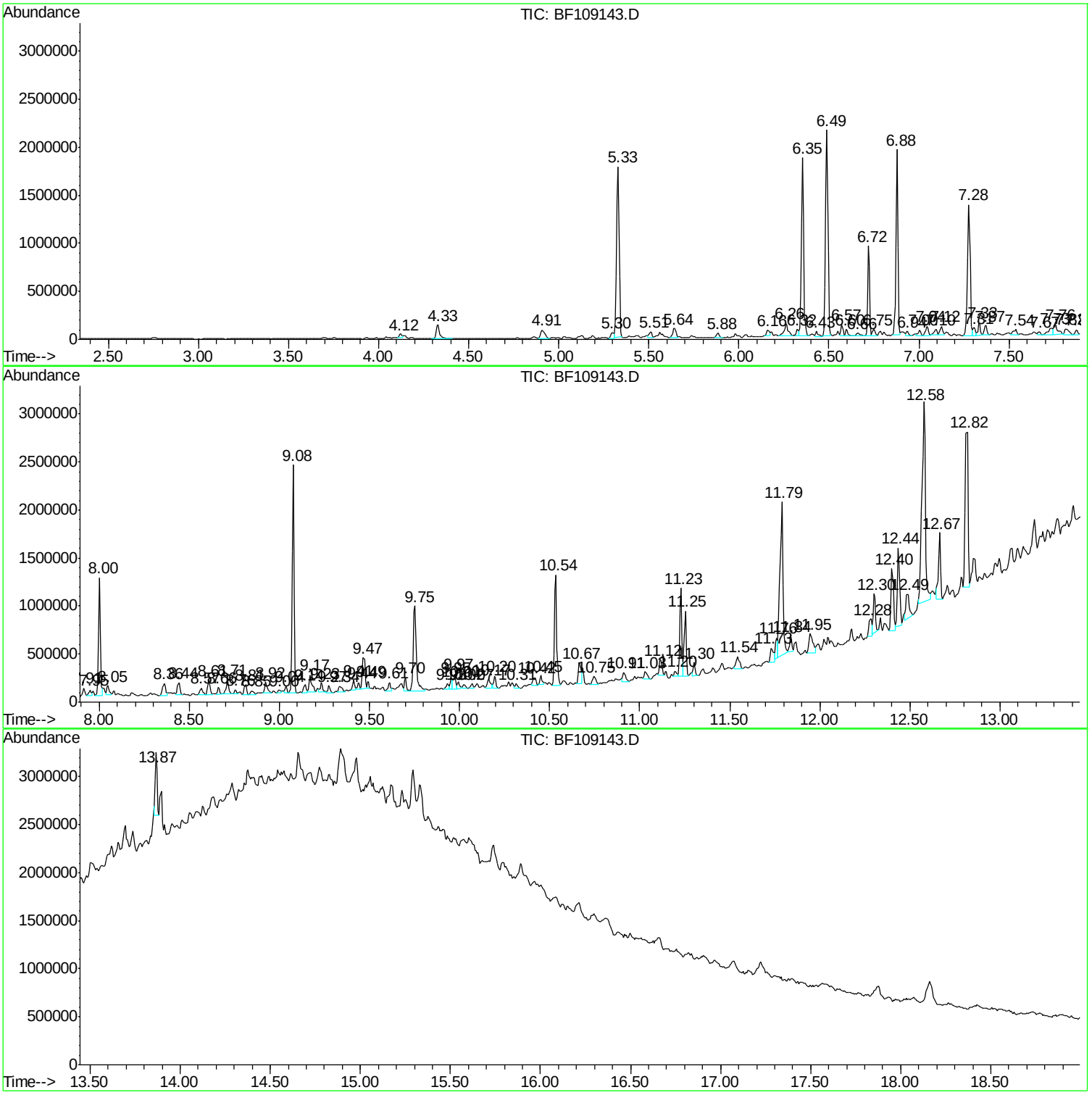
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
Data File : BF109143.D
Acq On : 19 Sep 2018 15:08
Operator : JU/SJ
Sample : J4967-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-UST-091718-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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\BF091918\
Data File : BF109143.D
Acq On : 19 Sep 2018 15:08
Operator : JU/SJ
Sample : J4967-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-UST-091718-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

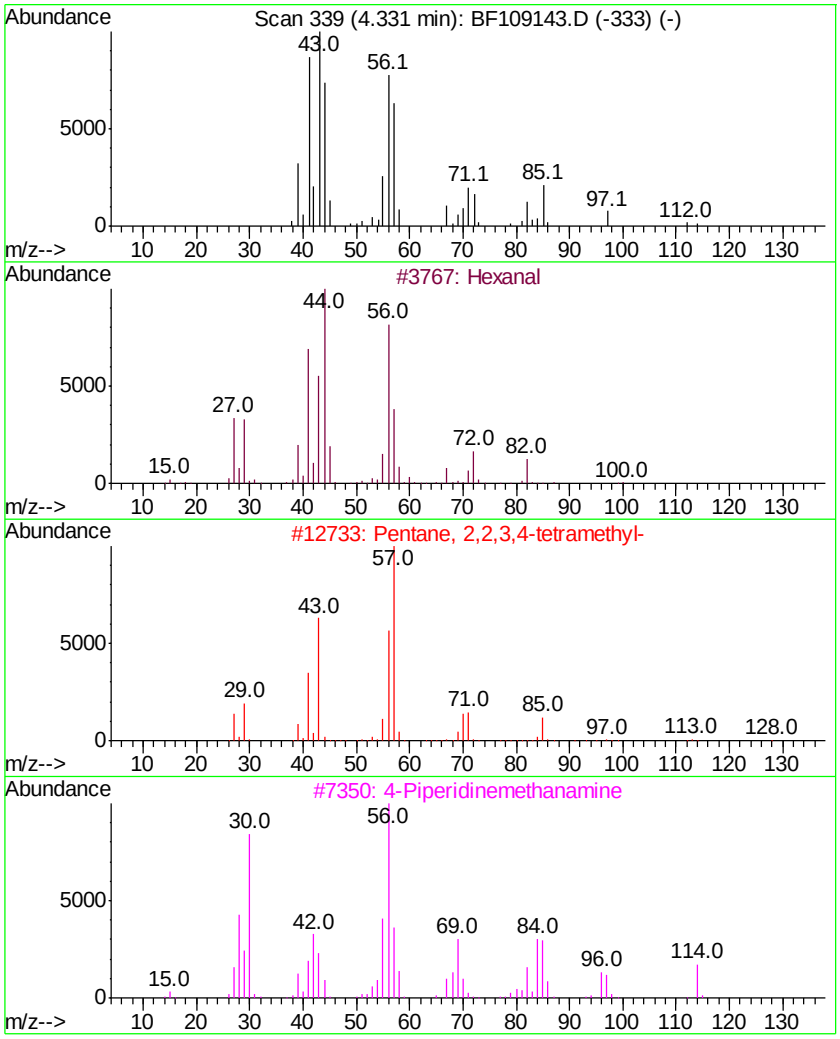
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

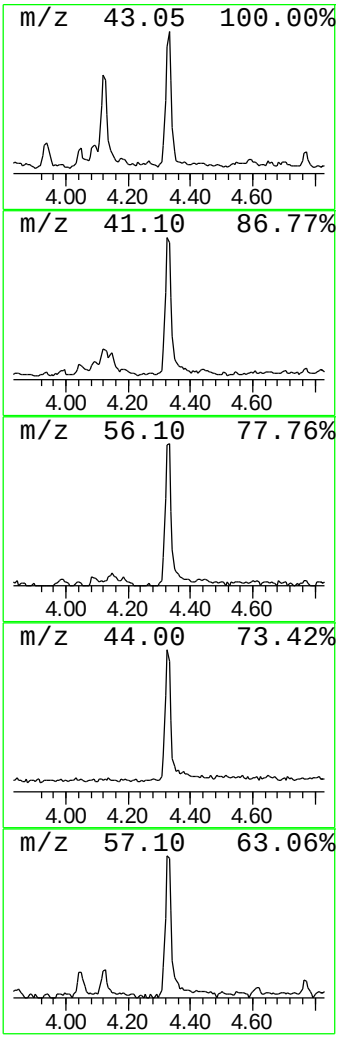
****

Peak Number 1 Hexanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.33	5.82 ng	219695	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	59
2	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	38
3	4-Piperidinemethanamine	114	C6H14N2	007144-05-0	35
4	Octane, 3-methyl-	128	C9H20	002216-33-3	35
5	Butane, 1-(ethenyloxy)-	100	C6H12O	000111-34-2	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
Data File : BF109143.D
Acq On : 19 Sep 2018 15:08
Operator : JU/SJ
Sample : J4967-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-UST-091718-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

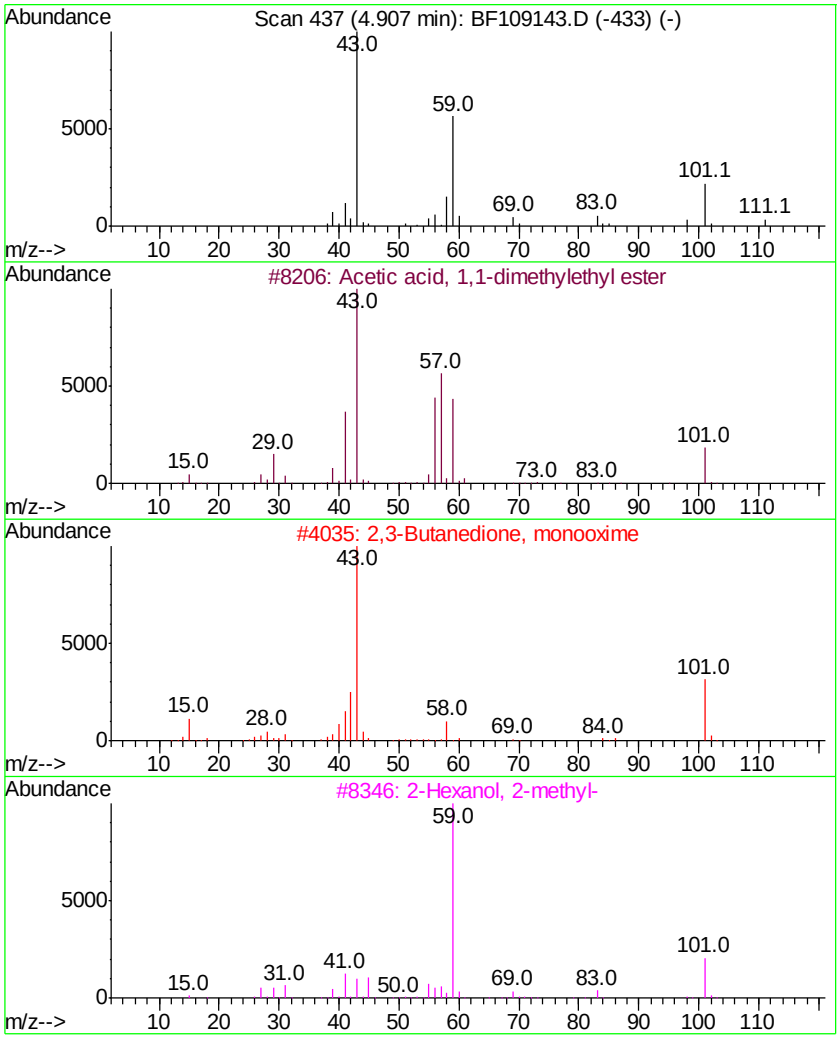
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

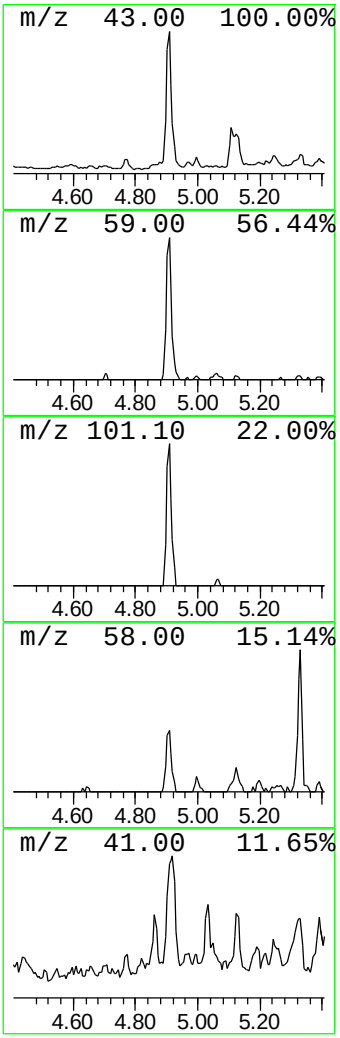
****

Peak Number 2 unknown4.91 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	3.64 ng	137440	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	28
5	3-Hexanol, 4,4-dimethyl-	130	C8H18O	019550-09-5	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
Data File : BF109143.D
Acq On : 19 Sep 2018 15:08
Operator : JU/SJ
Sample : J4967-02
Misc :
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Instrument : BNA_F
ClientSampleId : SUP-UST-091718-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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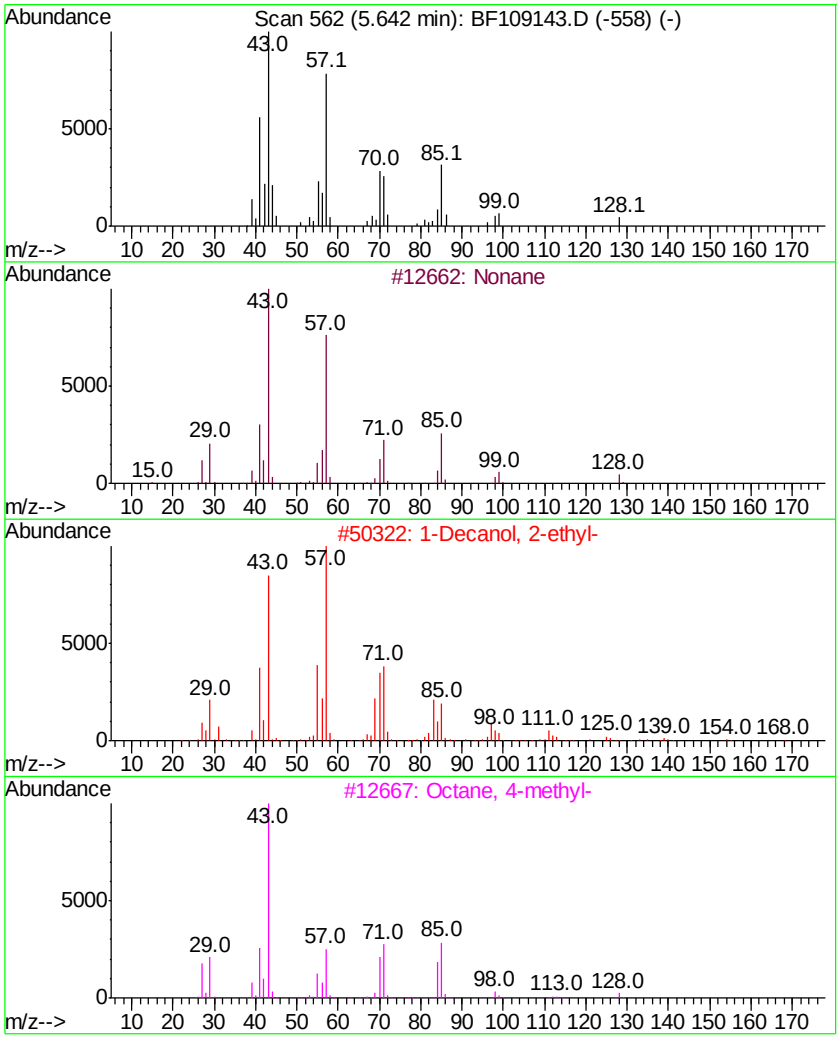
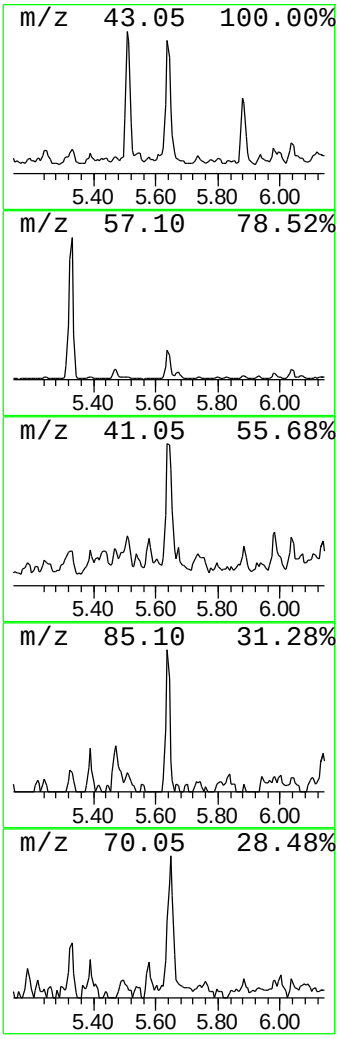
Peak Number 3 Nonane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.64	3.44 ng	129733	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	70
2	1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	50
3	Octane, 4-methyl-	128	C9H20	002216-34-4	47
4	Nonane, 2-methyl-	142	C10H22	000871-83-0	43
5	Decane	142	C10H22	000124-18-5	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
Data File : BF109143.D
Acq On : 19 Sep 2018 15:08
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Sample : J4967-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-UST-091718-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

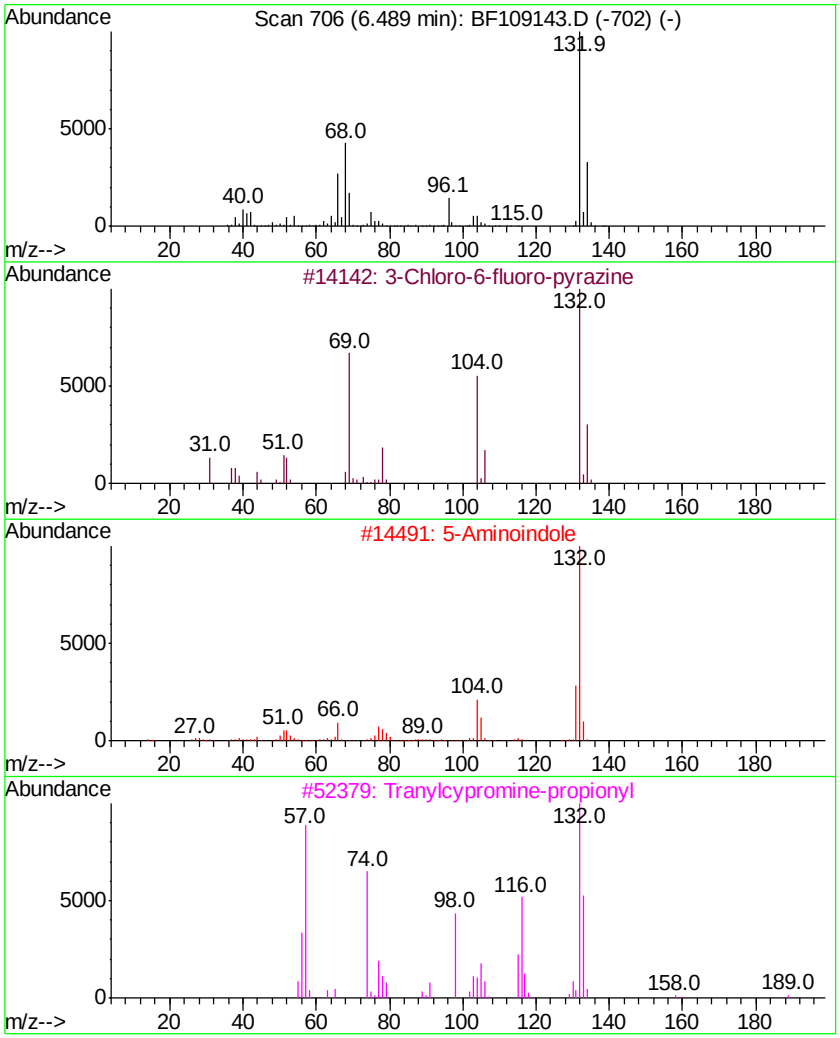
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

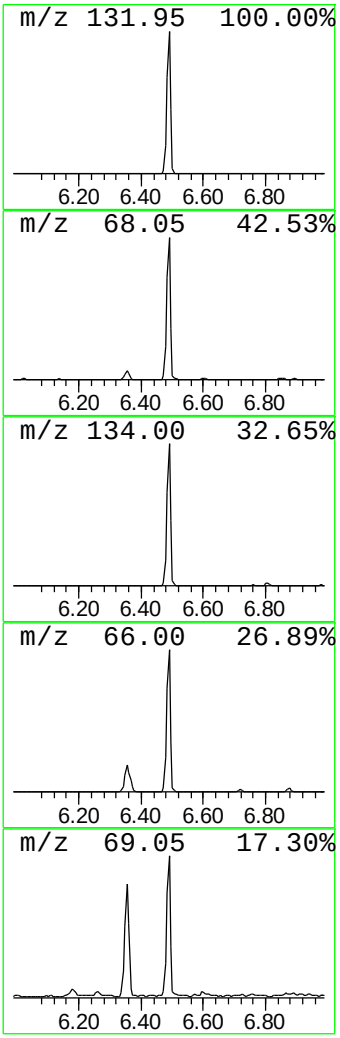
****

Peak Number 4 unknown6.49 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	48.70 ng	1836640	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
Data File : BF109143.D
Acq On : 19 Sep 2018 15:08
Operator : JU/SJ
Sample : J4967-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-UST-091718-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

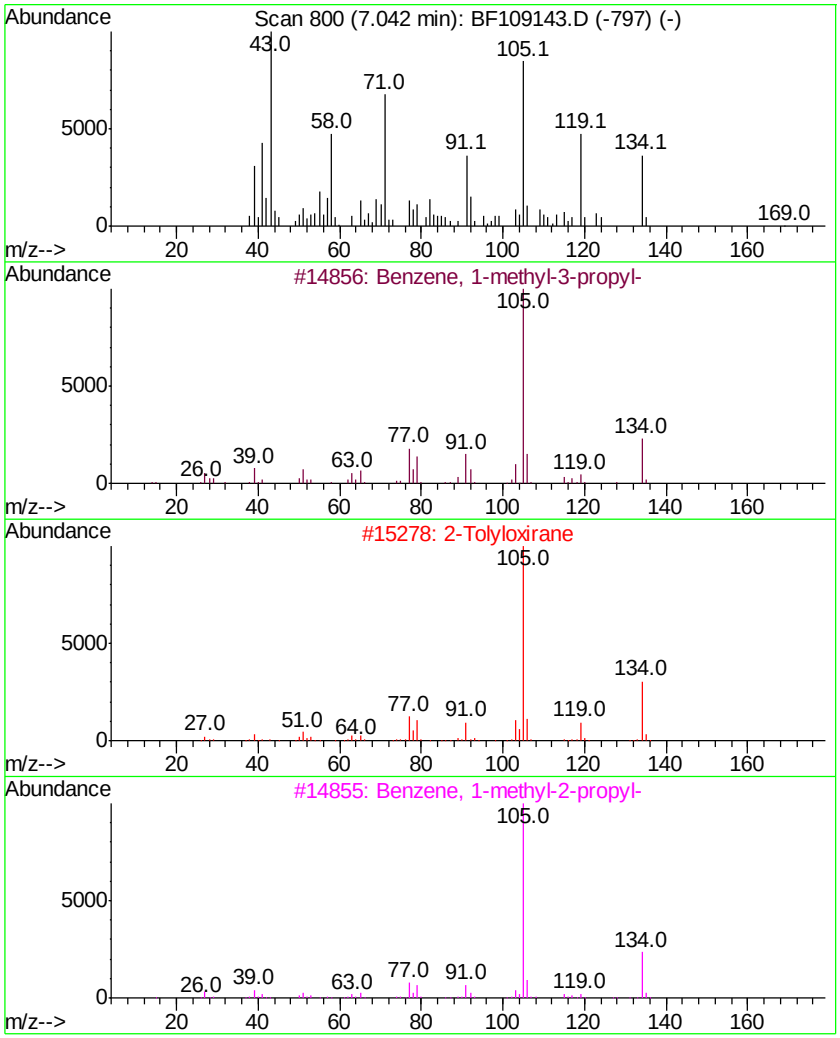
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

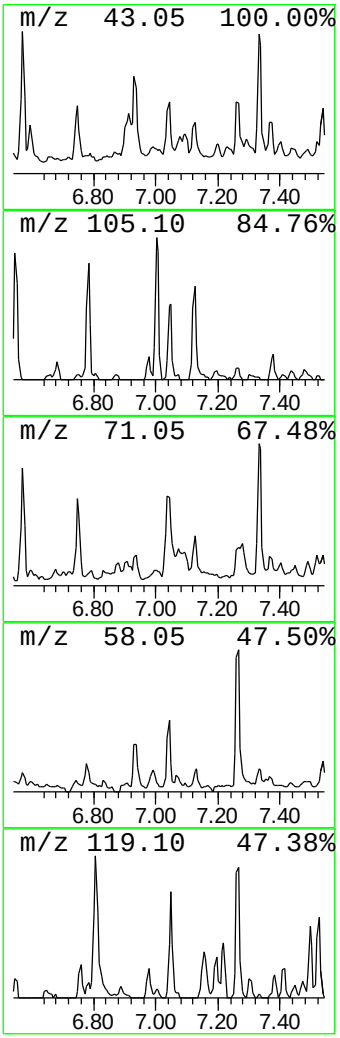
****

Peak Number 6 unknown7.04 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	3.28 ng	123760	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	35
2	2-Tolyloxirane	134	C9H10O	002783-26-8	20
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	18
4	2-Indanol	134	C9H10O	004254-29-9	18
5	Oxirane, 2-methyl-3-phenyl-	134	C9H10O	004436-22-0	15





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Operator : JU/SJ
Sample : J4967-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-UST-091718-02

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

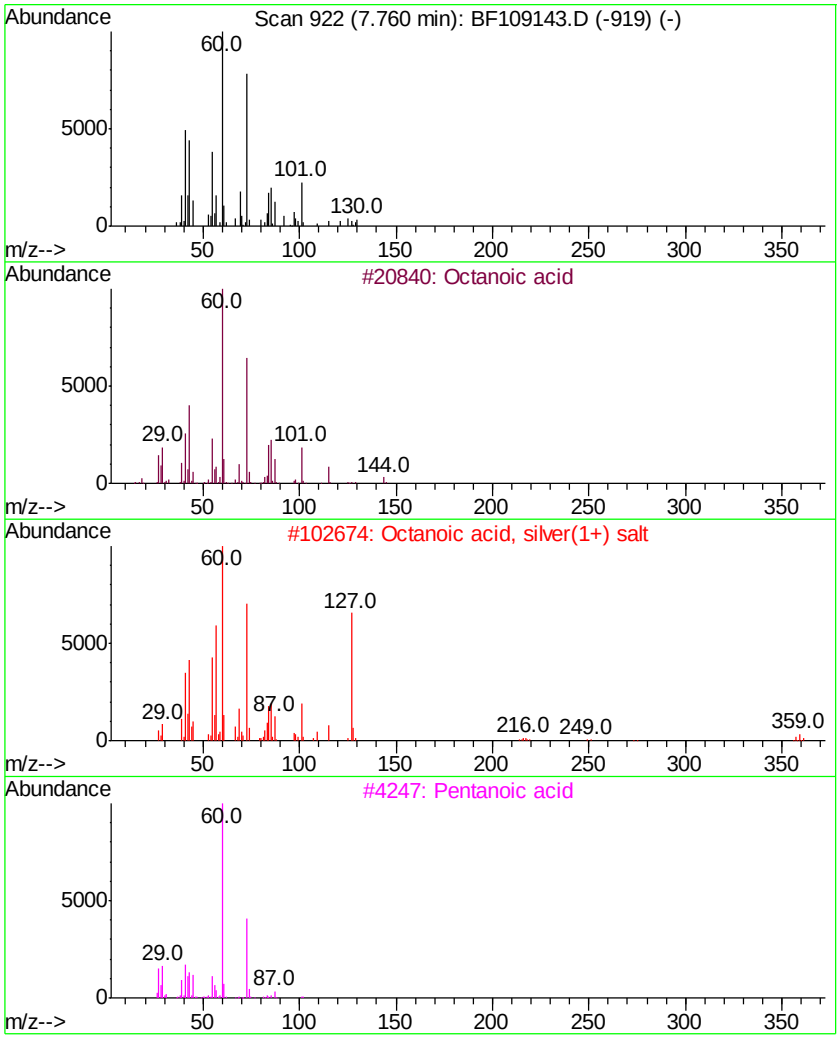
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

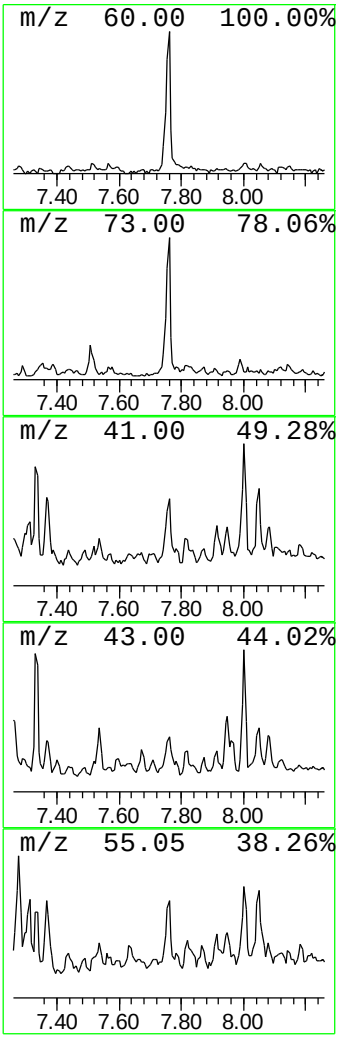
****

Peak Number 7 Octanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	3.35 ng	168829	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid	144	C8H16O2	000124-07-2	90
2	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	90
3	Pentanoic acid	102	C5H10O2	000109-52-4	50
4	Nonanoic acid	158	C9H18O2	000112-05-0	42
5	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	40





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ClientSampleId : SUP-UST-091718-02

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

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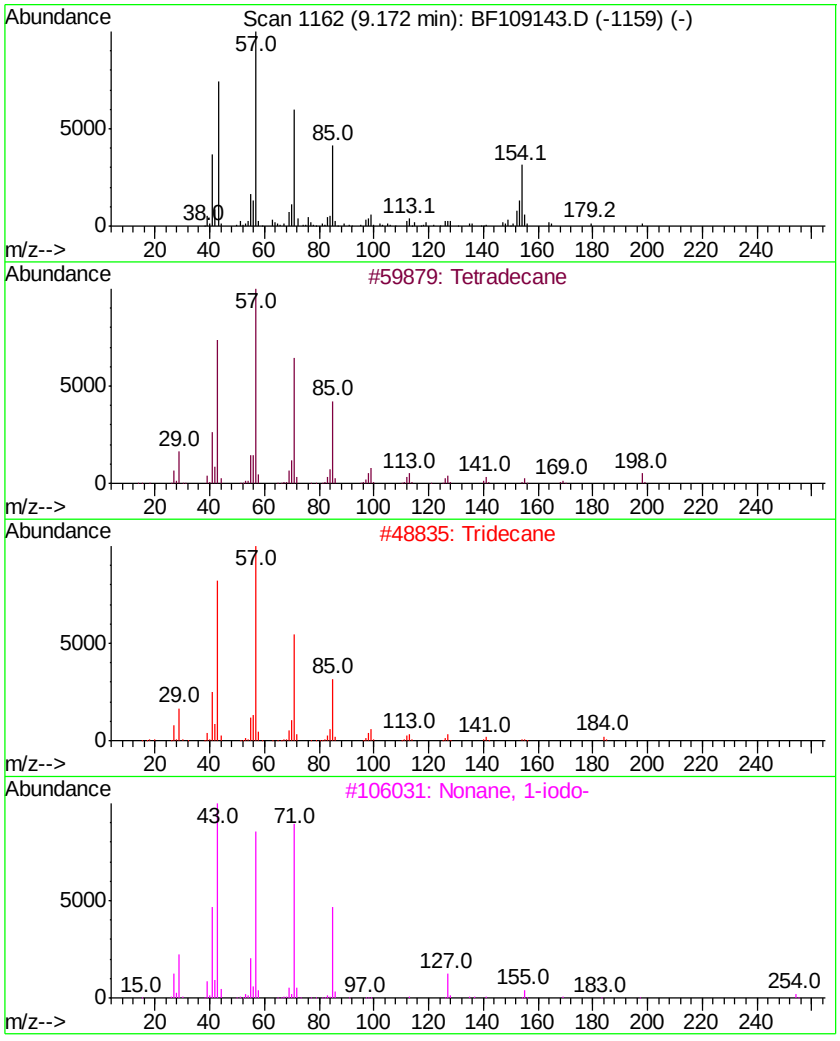
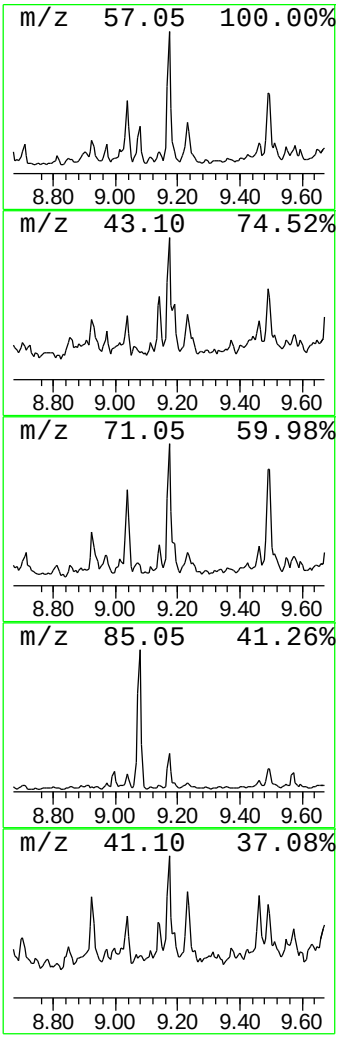
Peak Number 8 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	3.83 ng	187299	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	92
2	Tridecane	184	C13H28	000629-50-5	58
3	Nonane, 1-iodo-	254	C9H19I	004282-42-2	47
4	Hexadecane	226	C16H34	000544-76-3	46
5	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	43





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

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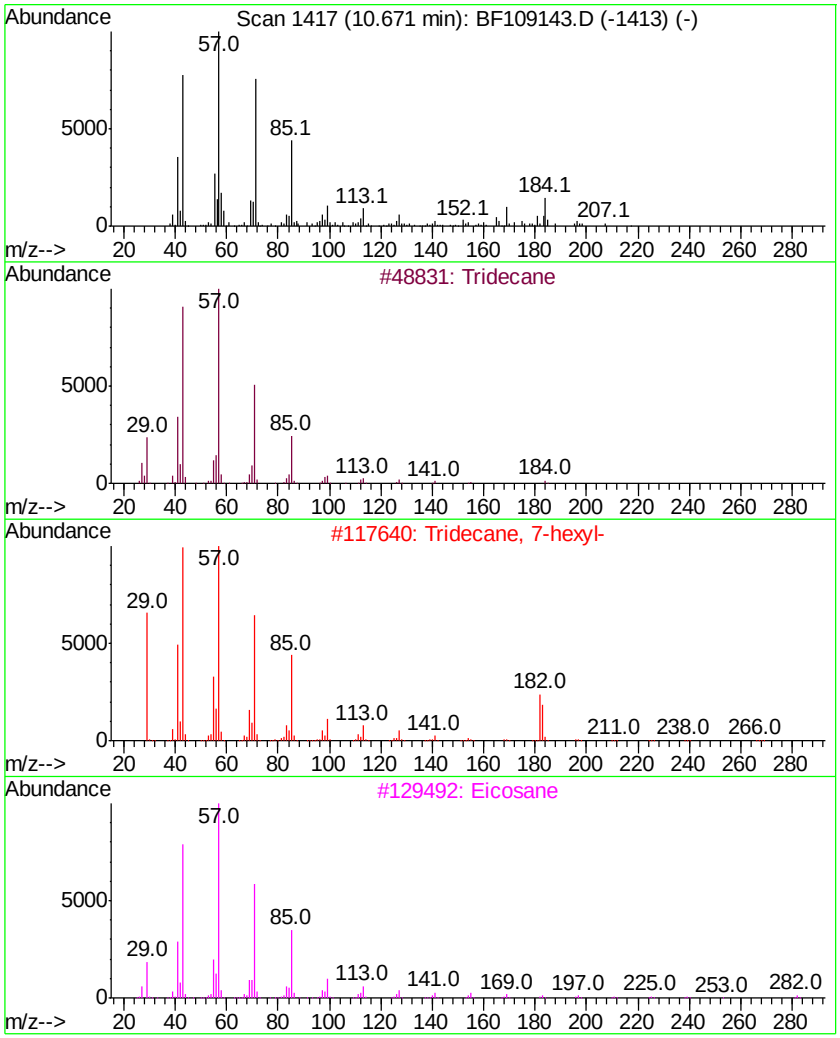
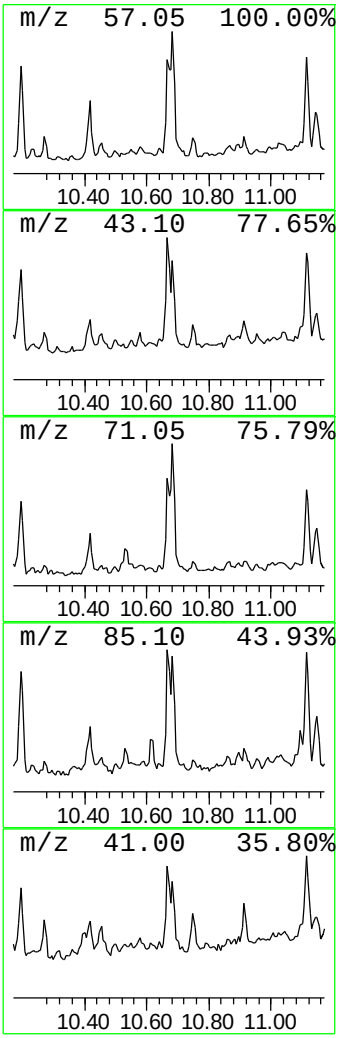
Peak Number 9 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	5.32 ng	216100	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	58
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	53
3	Eicosane	282	C20H42	000112-95-8	49
4	Tetradecane	198	C14H30	000629-59-4	49
5	Hexadecane	226	C16H34	000544-76-3	49





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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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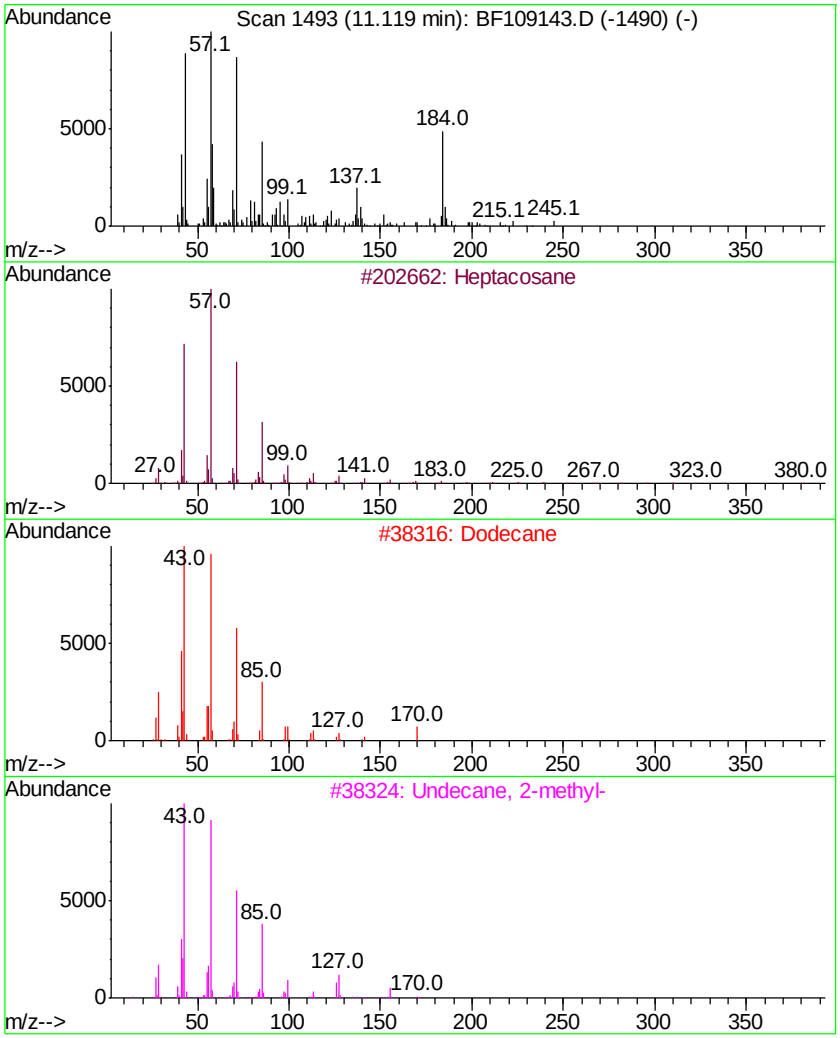
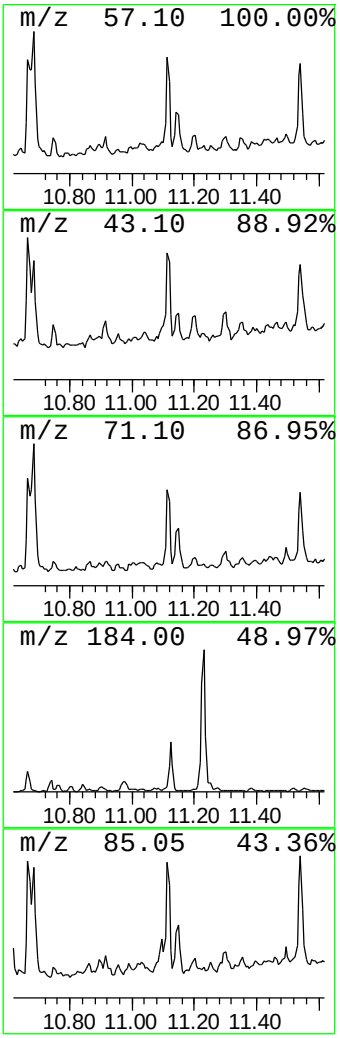
Peak Number 10 unknown11.12 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	3.70 ng	150285	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	41
2	Dodecane	170	C12H26	000112-40-3	41
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	38
4	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	38
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	38





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TIC Library : C:\DATABASE\NIST11.L
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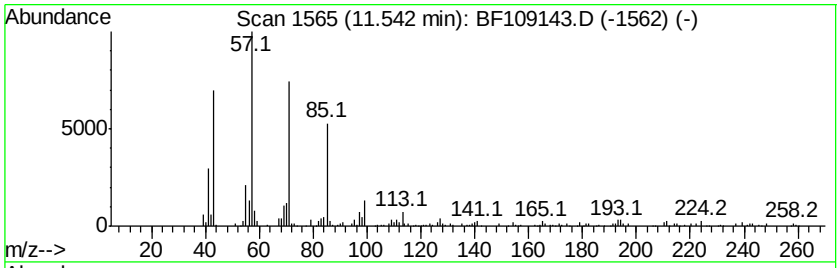
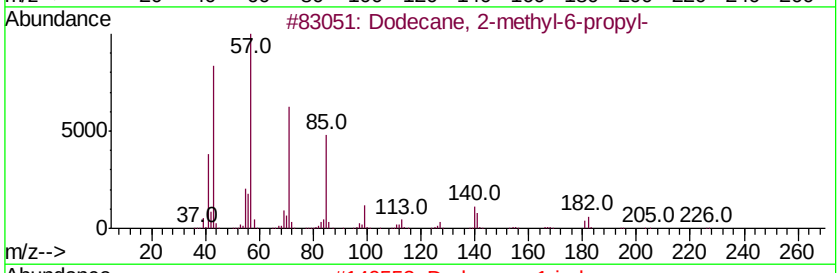
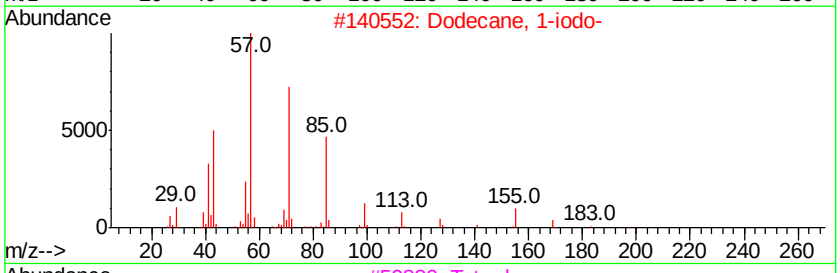
Peak Number 11 Dodecane, 2-methyl-6-propyl- Concentration Rank 13

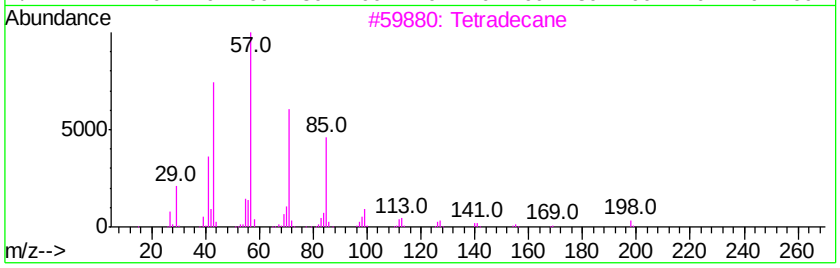
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	4.36 ng	177053	Phenanthrene-d10	11.23

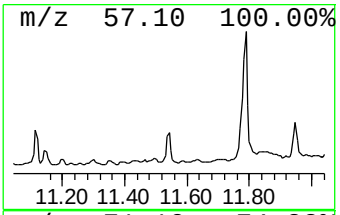
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	78
3	Tetradecane	198	C14H30	000629-59-4	78
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	64
5	Eicosane	282	C20H42	000112-95-8	64

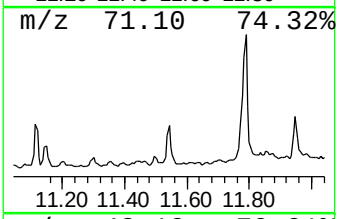


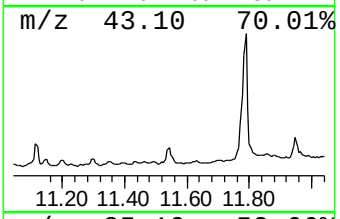


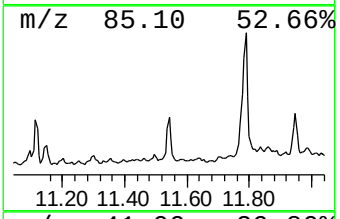


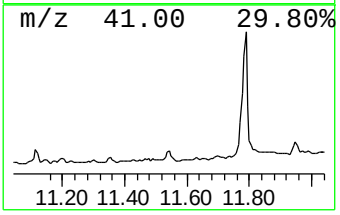












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Sample : J4967-02
Misc :
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Instrument : BNA_F
ClientSampleId : SUP-UST-091718-02

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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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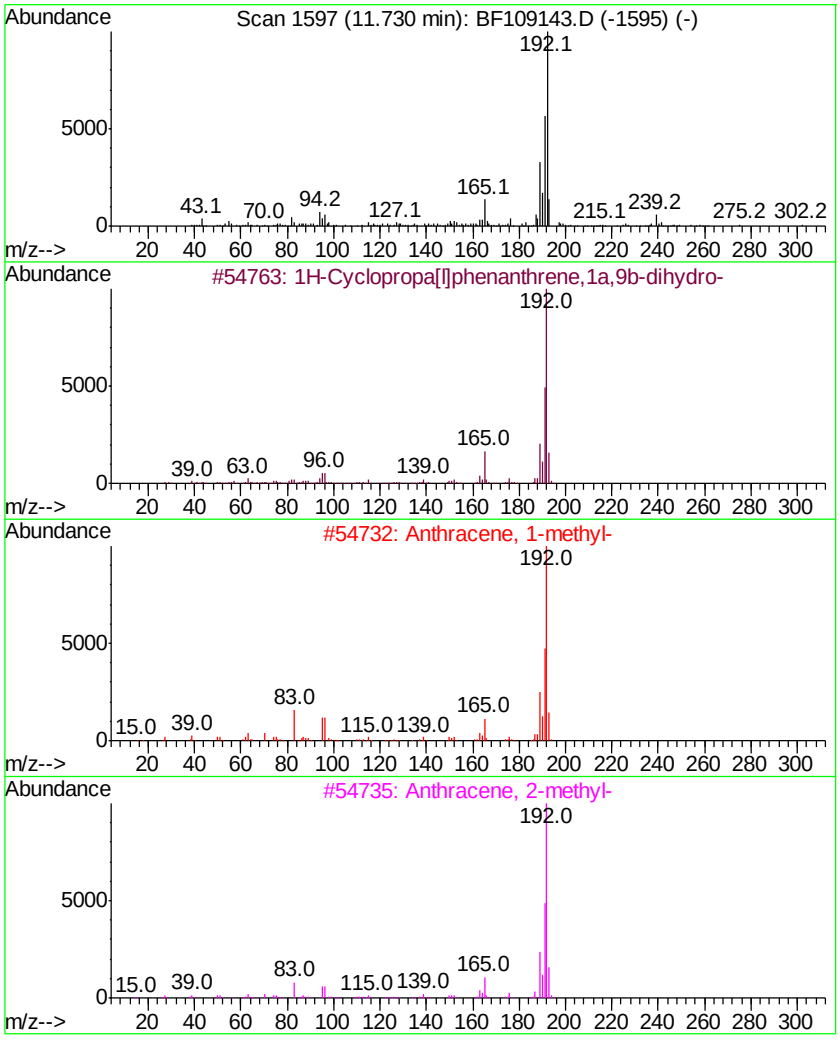
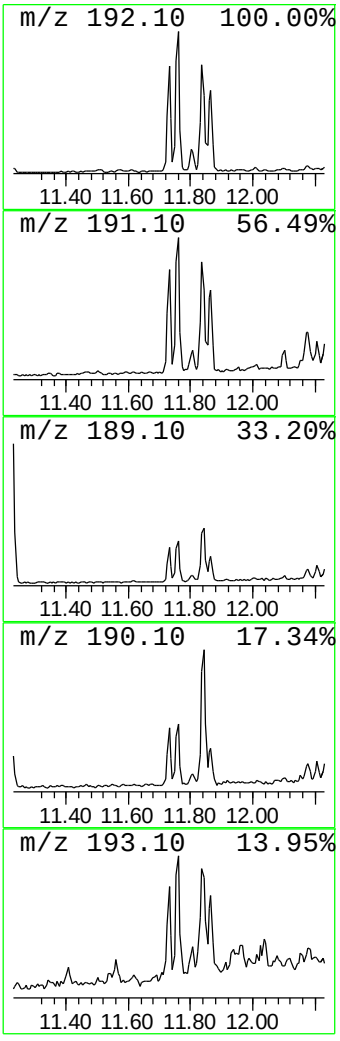
Peak Number 12 Anthracene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	4.64 ng	188592	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	81





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Instrument : BNA_F
ClientSampleId : SUP-UST-091718-02

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

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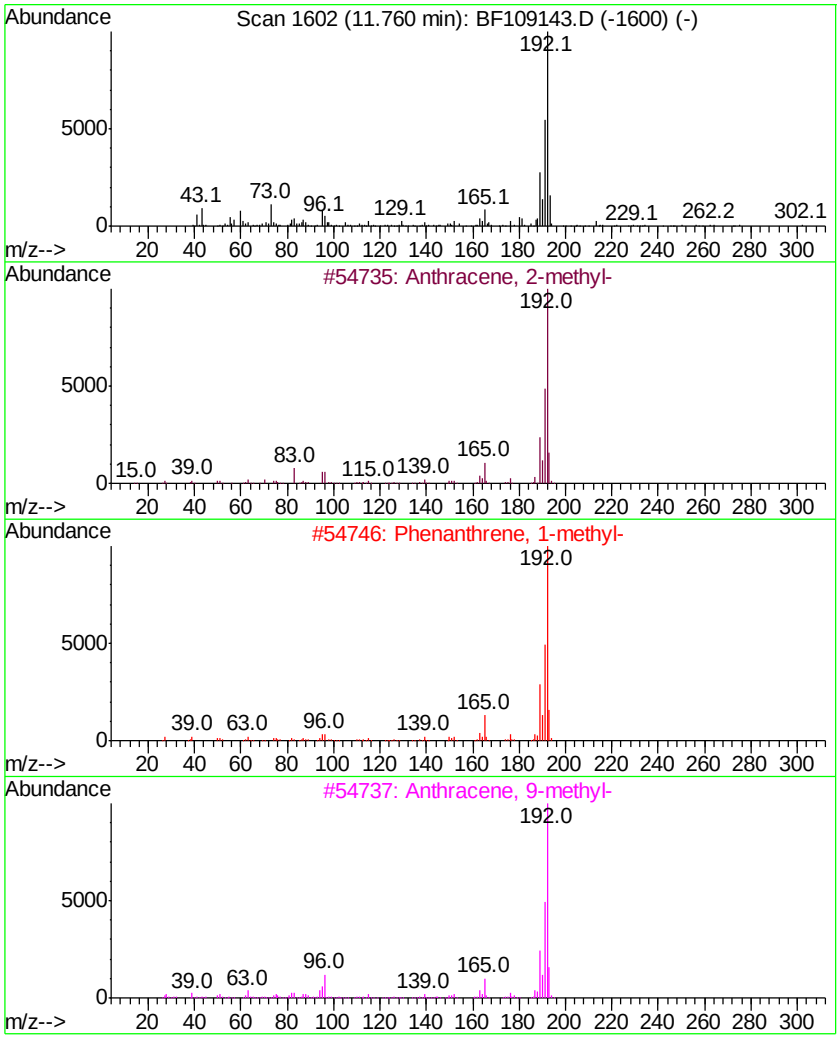
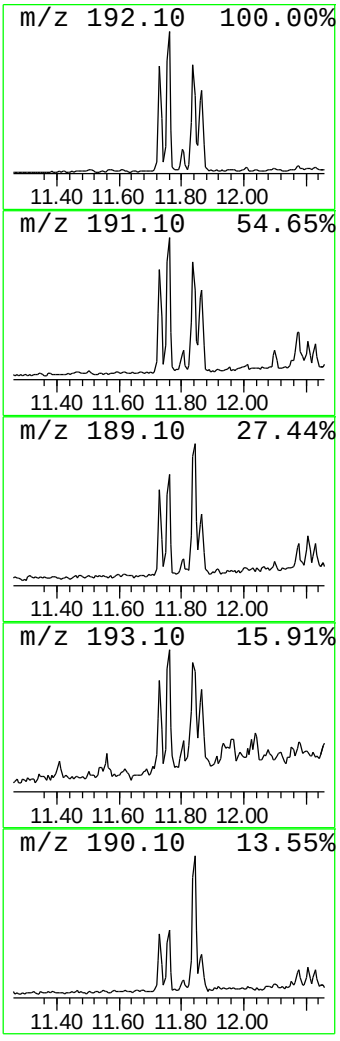
Peak Number 13 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	4.90 ng	199078	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92





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TIC Integration Parameters: LSCINT.P

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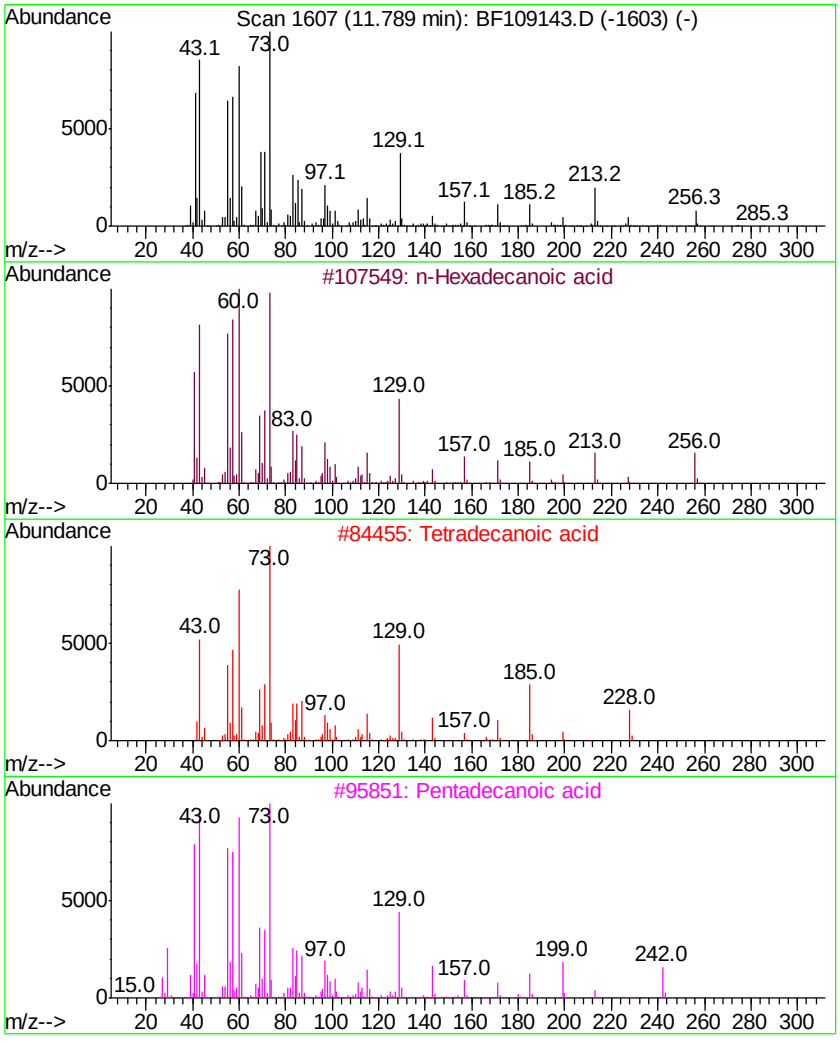
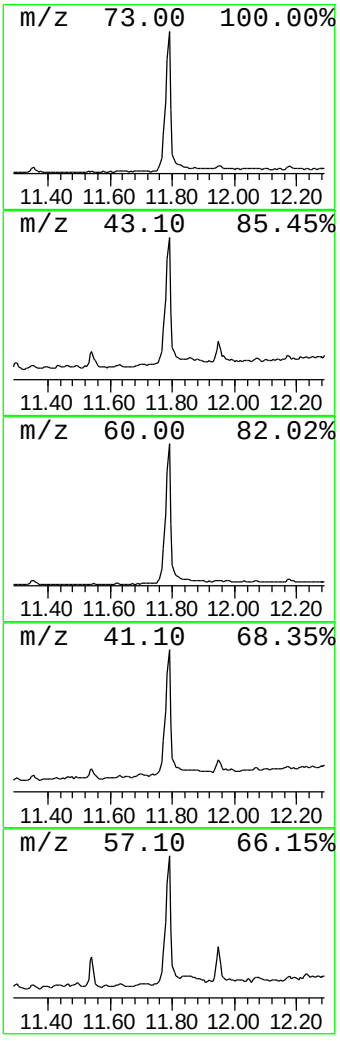
Peak Number 14 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	45.03 ng	1829790	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





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TIC Integration Parameters: LSCINT.P

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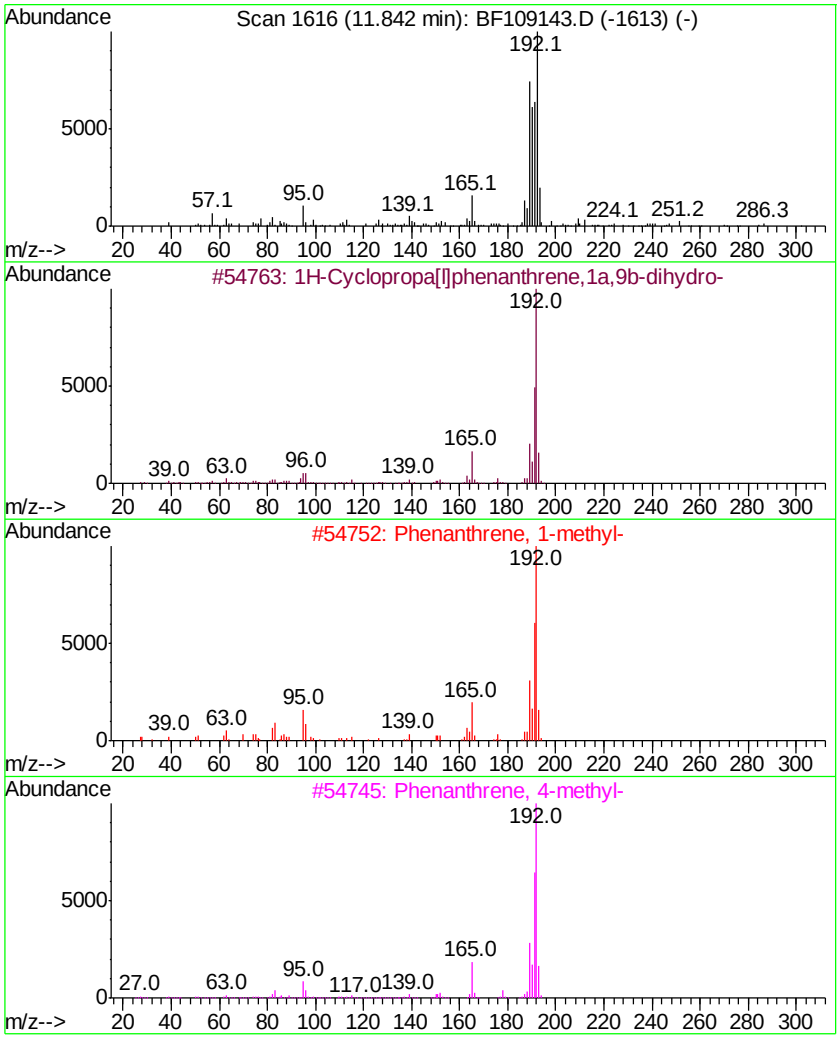
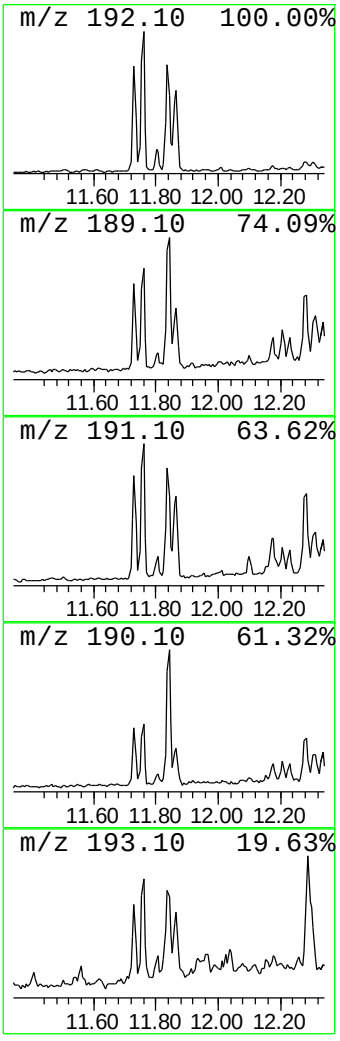
Peak Number 15 1H-Cyclopropa[l]phenanthren... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	3.66 ng	148789	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	70
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70





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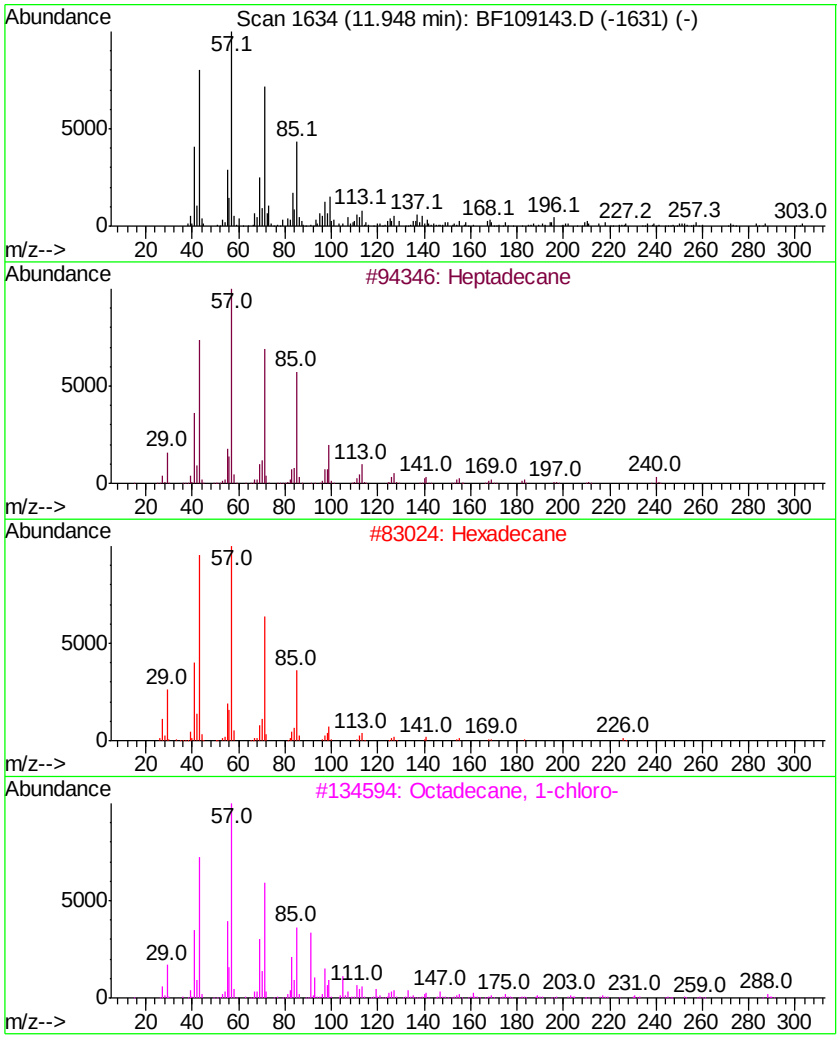
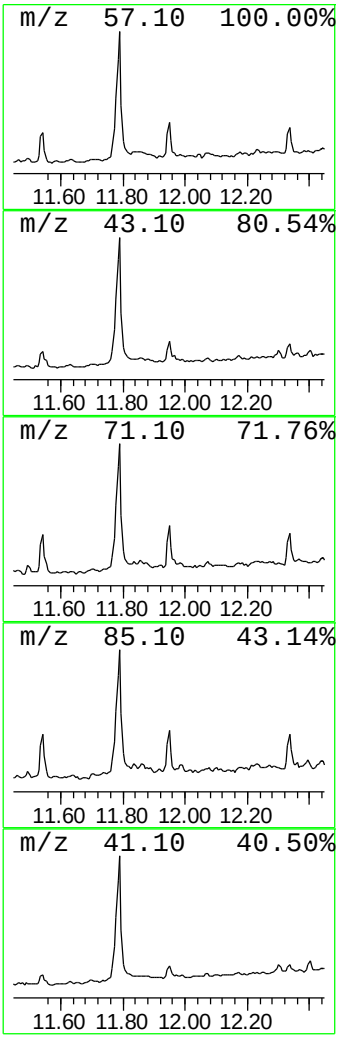
Peak Number 16 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	7.03 ng	285739	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Hexadecane	226	C16H34	000544-76-3	93
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	83
4	Tritetracontane	605	C43H88	007098-21-7	83
5	Tetratetracontane	619	C44H90	007098-22-8	83





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Data File : BF109143.D
Acq On : 19 Sep 2018 15:08
Operator : JU/SJ
Sample : J4967-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-UST-091718-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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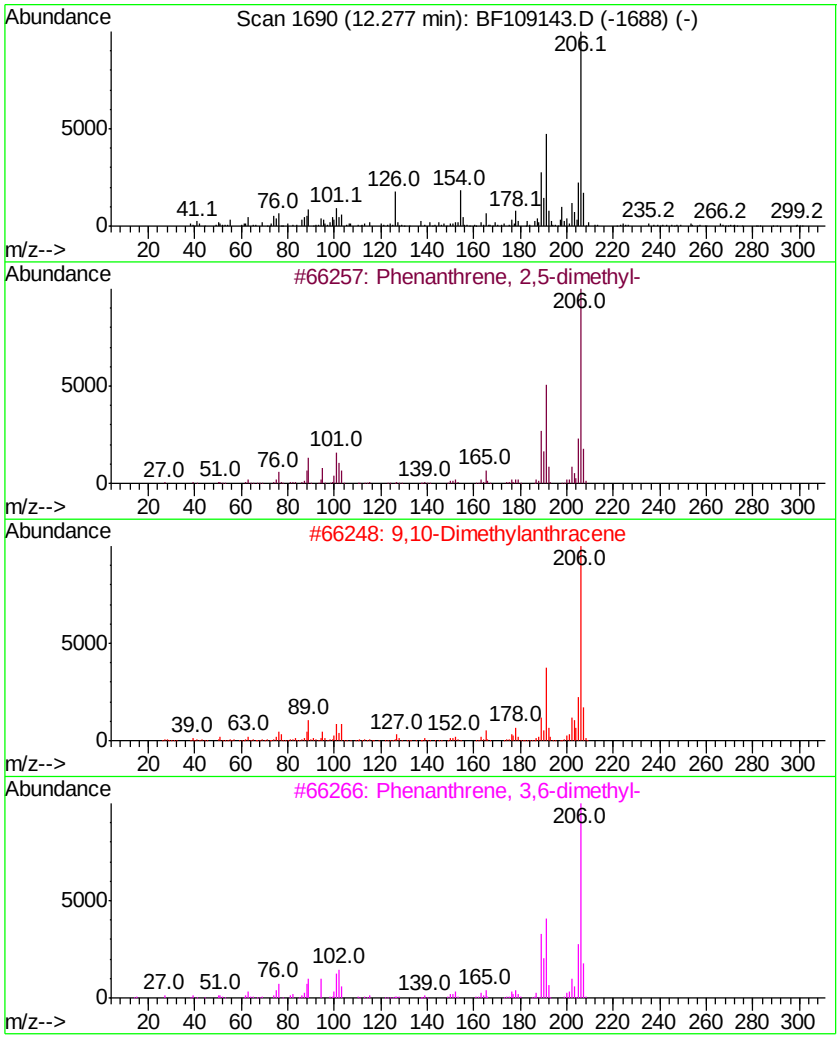
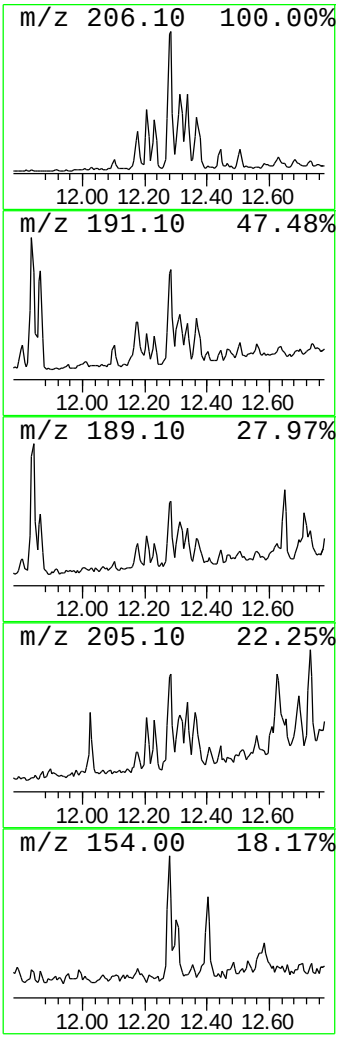
Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	4.74 ng	192622	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
Data File : BF109143.D
Acq On : 19 Sep 2018 15:08
Operator : JU/SJ
Sample : J4967-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-UST-091718-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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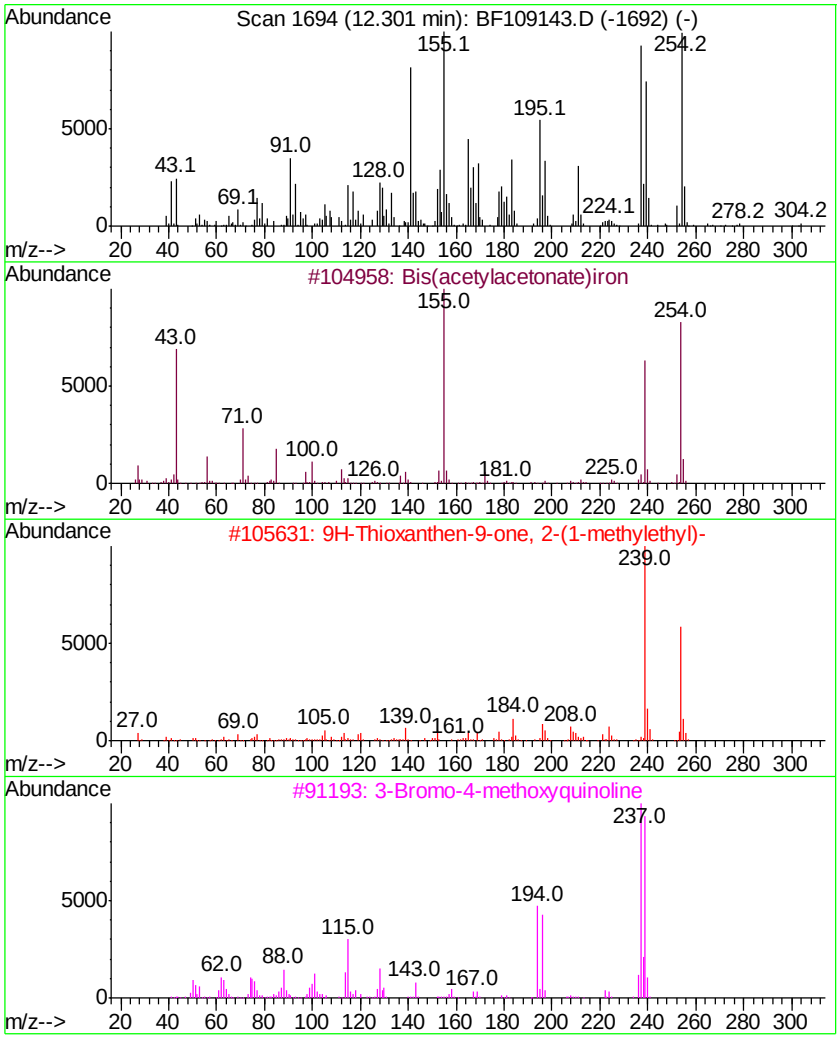
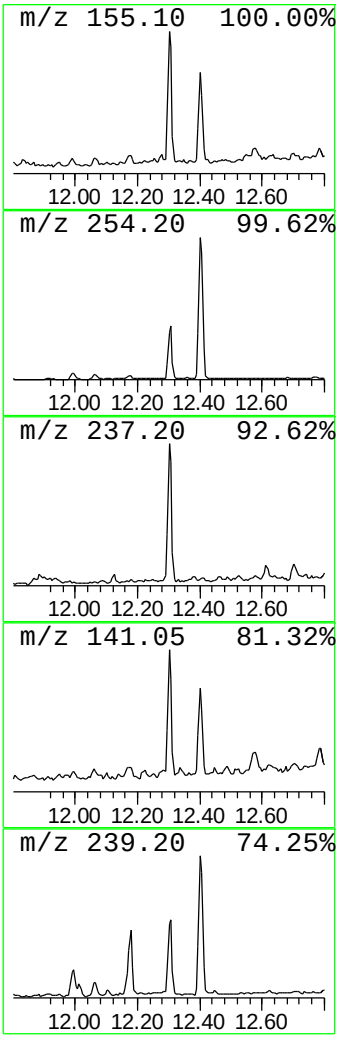
Peak Number 18 unknown12.30 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	9.31 ng	378127	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(acetylacetonate)iron	254	C10H14FeO4	014024-17-0	43
2	9H-Thioxanthen-9-one, 2-(1-methy...	254	C16H14OS	005495-84-1	38
3	3-Bromo-4-methoxyquinoline	237	C10H8BrNO	036255-25-1	20
4	3,6-Dimethoxy-4-phenanthrol	254	C16H14O3	000481-81-2	18
5	1-Naphthoic acid, 2,2,2-trifluor...	254	C13H9F3O2	1000325-54-4	18





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Data File : BF109143.D
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Operator : JU/SJ
Sample : J4967-02
Misc :
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Instrument : BNA_F
ClientSampleId : SUP-UST-091718-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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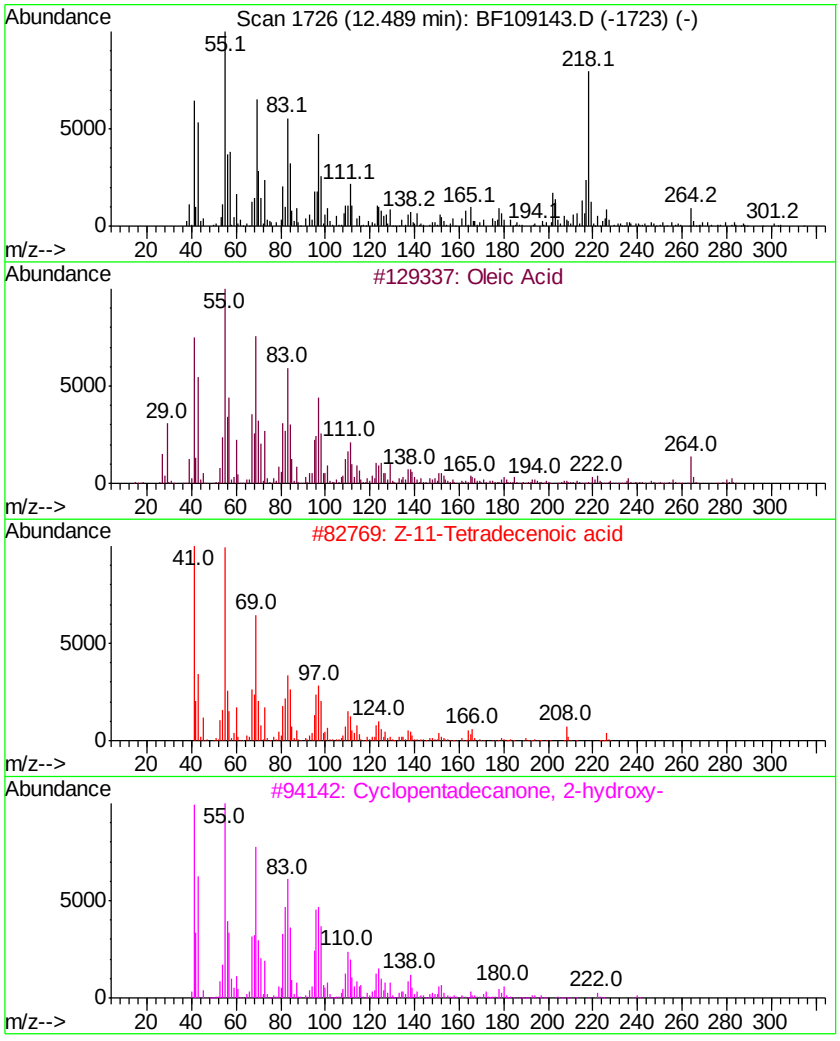
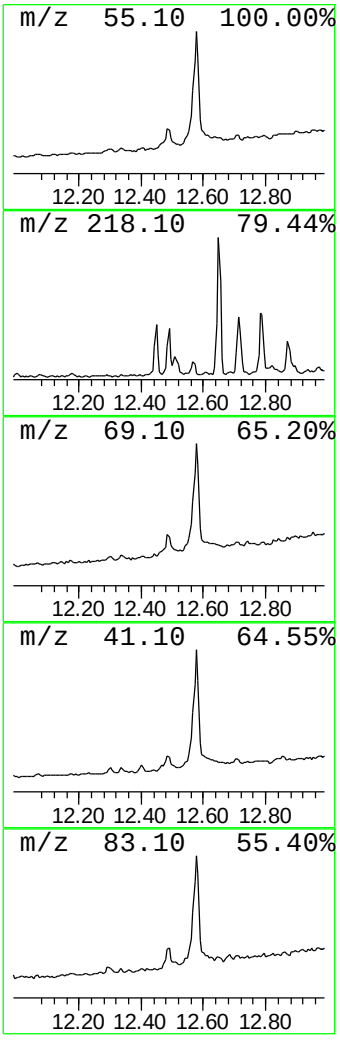
Peak Number 19 Oleic Acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	7.84 ng	318573	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	60
2	Z-11-Tetradecenoic acid	226	C14H26O2	1000130-83-3	55
3	Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	53
4	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	53
5	Oxacyclotetradecane-2,11-dione, ...	240	C14H24O3	074685-36-2	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
Data File : BF109143.D
Acq On : 19 Sep 2018 15:08
Operator : JU/SJ
Sample : J4967-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-UST-091718-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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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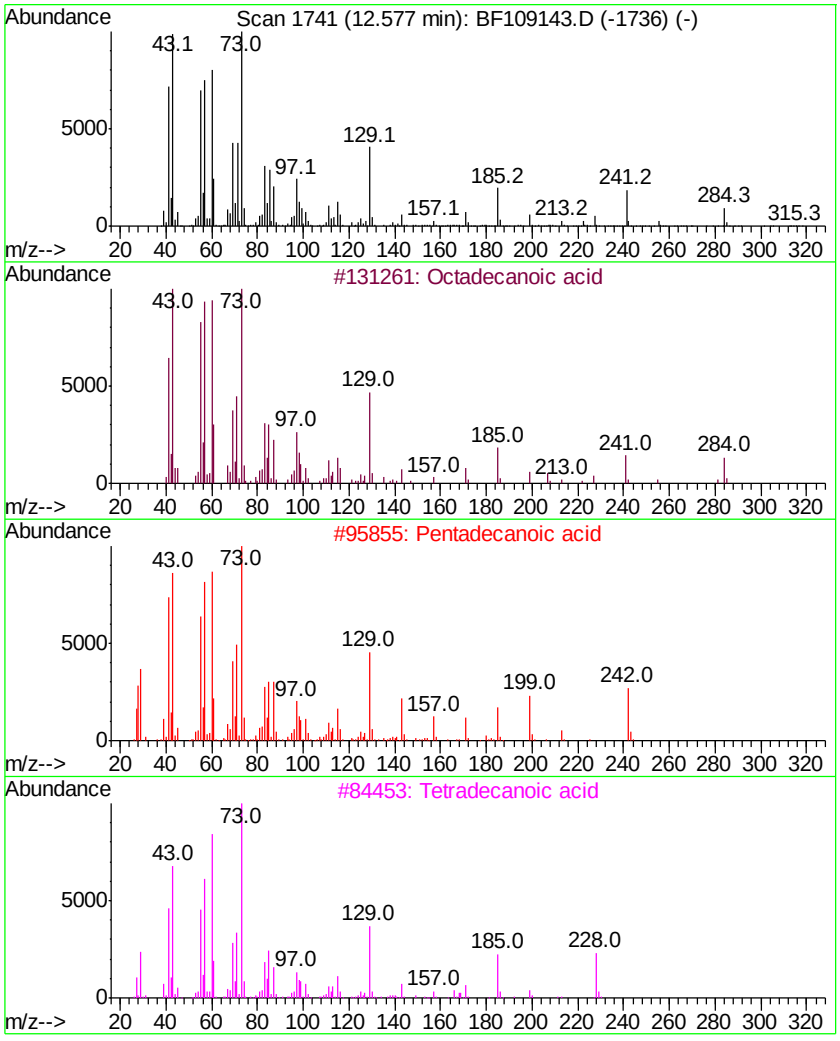
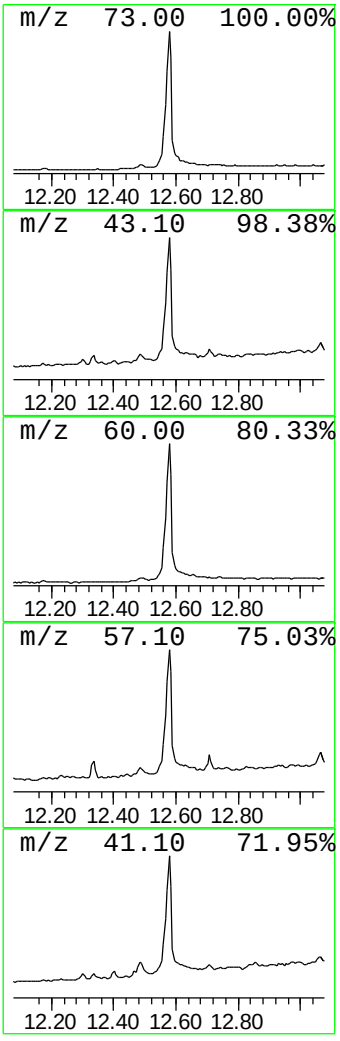
Peak Number 20 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	98.37 ng	2725950	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091918\
Data File : BF109143.D
Acq On : 19 Sep 2018 15:08
Operator : JU/SJ
Sample : J4967-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-UST-091718-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.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
Hexanal	4.33	5.8	ng	219695	1	6.72	754337	20.0
unknown4.91	4.91	3.6	ng	137440	1	6.72	754337	20.0
Nonane	5.64	3.4	ng	129733	1	6.72	754337	20.0
unknown6.49	6.49	48.7	ng	1836640	1	6.72	754337	20.0
unknown7.04	7.04	3.3	ng	123760	1	6.72	754337	20.0
Octanoic acid	7.76	3.4	ng	168829	2	8.00	1007280	20.0
Tetradecane	9.17	3.8	ng	187299	3	9.75	978845	20.0
Tridecane	10.67	5.3	ng	216100	4	11.23	812691	20.0
unknown11.12	11.12	3.7	ng	150285	4	11.23	812691	20.0
Dodecane, 2-methy...	11.54	4.4	ng	177053	4	11.23	812691	20.0
Anthracene, 1-met...	11.73	4.6	ng	188592	4	11.23	812691	20.0
Anthracene, 2-met...	11.76	4.9	ng	199078	4	11.23	812691	20.0
n-Hexadecanoic acid	11.79	45.0	ng	1829790	4	11.23	812691	20.0
1H-Cyclopropa[l]p...	11.84	3.7	ng	148789	4	11.23	812691	20.0
Heptadecane	11.95	7.0	ng	285739	4	11.23	812691	20.0
Phenanthrene, 2,5...	12.28	4.7	ng	192622	4	11.23	812691	20.0
unknown12.30	12.30	9.3	ng	378127	4	11.23	812691	20.0
Oleic Acid	12.49	7.8	ng	318573	4	11.23	812691	20.0
Octadecanoic acid	12.58	98.4	ng	2725950	5	13.87	554240	20.0