LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139449.D
Acq On : 19 Sep 2024 02:26
Operator : RC/JU
Sample : P4097-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT2299

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-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139449.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.175	6	14	26	rVB	558351	858641	74.59%	4.730%
2	3.963	313	318	324	rVB	12093	17949	1.56%	0.099%
3	5.093	501	510	517	rBV	55669	82989	7.21%	0.457%
4	5.498	573	579	584	rBV	892180	1138844	98.93%	6.273%
5	6.504	744	750	758	rBV	871150	1140178	99.05%	6.281%
6	6.710	780	785	790	rBV4	8973	14516	1.26%	0.080%
7	6.881	808	814	819	rVB	282337	347590	30.20%	1.915%
8	7.439	899	909	914	rBV	552143	694811	60.36%	3.827%
9	7.692	948	952	956	rBV	15564	19054	1.66%	0.105%
10	7.739	956	960	964	rVB	14454	18562	1.61%	0.102%
11	7.963	993	998	1005	rVB7	6359	13410	1.16%	0.074%
12	8.163	1024	1032	1038	rBV	296749	413996	35.97%	2.280%
13	8.216	1038	1041	1045	rVV2	13120	15301	1.33%	0.084%
14	8.375	1062	1068	1073	rVB	27338	38292	3.33%	0.211%
15	8.434	1074	1078	1087	rBV4	25635	51247	4.45%	0.282%
16	8.575	1099	1102	1106	rBV	23876	31557	2.74%	0.174%
17	8.663	1114	1117	1120	rBV3	10211	12739	1.11%	0.070%
18	8.745	1127	1131	1135	rBV	29599	35788	3.11%	0.197%
19	8.869	1150	1152	1156	rVB2	15526	16699	1.45%	0.092%
20	8.975	1166	1170	1175	rBV2	16848	22525	1.96%	0.124%
21	9.045	1177	1182	1184	rBV3	14068	23930	2.08%	0.132%
22	9.110	1189	1193	1197	rBV4	15498	21313	1.85%	0.117%
23	9.151	1197	1200	1201	rBV	20541	20798	1.81%	0.115%
24	9.175	1201	1204	1209	rVB	42468	52821	4.59%	0.291%
25	9.233	1209	1214	1219	rBV	747256	898255	78.03%	4.948%
26	9.310	1223	1227	1232	rBV	97664	136814	11.89%	0.754%
27	9.628	1277	1281	1285	rBV4	104195	158904	13.80%	0.875%
28	9.686	1289	1291	1295	rVB2	24546	27638	2.40%	0.152%
29	9.775	1302	1306	1310	rBV2	40365	67296	5.85%	0.371%
30	9.839	1311	1317	1321	rVV	141402	210610	18.30%	1.160%
31	9.910	1322	1329	1333	rVV	273443	389900	33.87%	2.148%
32	9.945	1333	1335	1338	rVB	62655	63469	5.51%	0.350%
33	10.075	1353	1357	1359	rBV3	29348	47704	4.14%	0.263%
34	10.163	1368	1372	1380	rVB5	53910	104528	9.08%	0.576%
35	10.251	1380	1387	1390	rBV5	28521	78186	6.79%	0.431%
36	10.339	1396	1402	1406	rBV	195241	268066	23.29%	1.477%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139449.D
Acq On : 19 Sep 2024 02:26
Operator : RC/JU
Sample : P4097-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2299

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-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.457	1418	1422	1433	rBV	84167	154603	13.43%	0.852%
38	10.557	1435	1439	1445	rVB	124460	186105	16.17%	1.025%
39	10.622	1446	1450	1457	rVV2	73647	110571	9.61%	0.609%
40	10.698	1458	1463	1468	rVV	450586	571854	49.68%	3.150%
41	10.822	1479	1484	1491	rVB	307181	531403	46.16%	2.927%
42	11.263	1555	1559	1561	rBV	169556	216584	18.82%	1.193%
43	11.292	1561	1564	1570	rVB2	175245	236751	20.57%	1.304%
44	11.398	1578	1582	1584	rBV	293627	411326	35.73%	2.266%
45	11.422	1584	1586	1591	rVV	564071	663826	57.67%	3.657%
46	11.474	1591	1595	1598	rVB	144987	172638	15.00%	0.951%
47	11.633	1619	1622	1627	rVB2	78268	118914	10.33%	0.655%
48	11.686	1627	1631	1635	rVB	164169	195055	16.95%	1.074%
49	11.922	1668	1671	1677	rVB2	151974	207576	18.03%	1.143%
50	12.010	1683	1686	1694	rVB2	138339	238448	20.71%	1.313%
51	12.092	1697	1700	1704	rVB	123001	149068	12.95%	0.821%
52	12.480	1763	1766	1771	rVB	117503	147960	12.85%	0.815%
53	12.616	1784	1789	1793	rVB	877044	1130036	98.17%	6.225%
54	12.845	1821	1828	1833	rBV	723772	1151104	100.00%	6.341%
55	12.980	1845	1851	1858	rVB	673000	936169	81.33%	5.157%
56	13.057	1860	1864	1868	rBV2	39430	68633	5.96%	0.378%
57	13.163	1879	1882	1886	rVB	101036	138277	12.01%	0.762%
58	13.210	1887	1890	1891	rBV2	36004	39975	3.47%	0.220%
59	13.233	1891	1894	1897	rVV	81606	95400	8.29%	0.526%
60	13.268	1897	1900	1903	rVB2	41524	48476	4.21%	0.267%
61	13.786	1984	1988	1990	rBV3	53870	75177	6.53%	0.414%
62	13.880	2001	2004	2011	rVB	88674	132457	11.51%	0.730%
63	14.027	2024	2029	2033	rBV2	411459	740194	64.30%	4.077%
64	14.063	2033	2035	2041	rVB	290559	317583	27.59%	1.749%
65	14.139	2045	2048	2052	rBV	52079	58856	5.11%	0.324%
66	15.080	2203	2208	2217	rBV	218244	486115	42.23%	2.678%
67	15.380	2255	2259	2265	rVB	124809	191584	16.64%	1.055%
68	15.445	2265	2270	2275	rVB	164511	244378	21.23%	1.346%
69	15.504	2276	2280	2284	rBV	121340	198287	17.23%	1.092%
70	16.974	2526	2530	2540	rVB2	68903	141653	12.31%	0.780%
71	17.421	2602	2606	2614	rVB	48263	91892	7.98%	0.506%

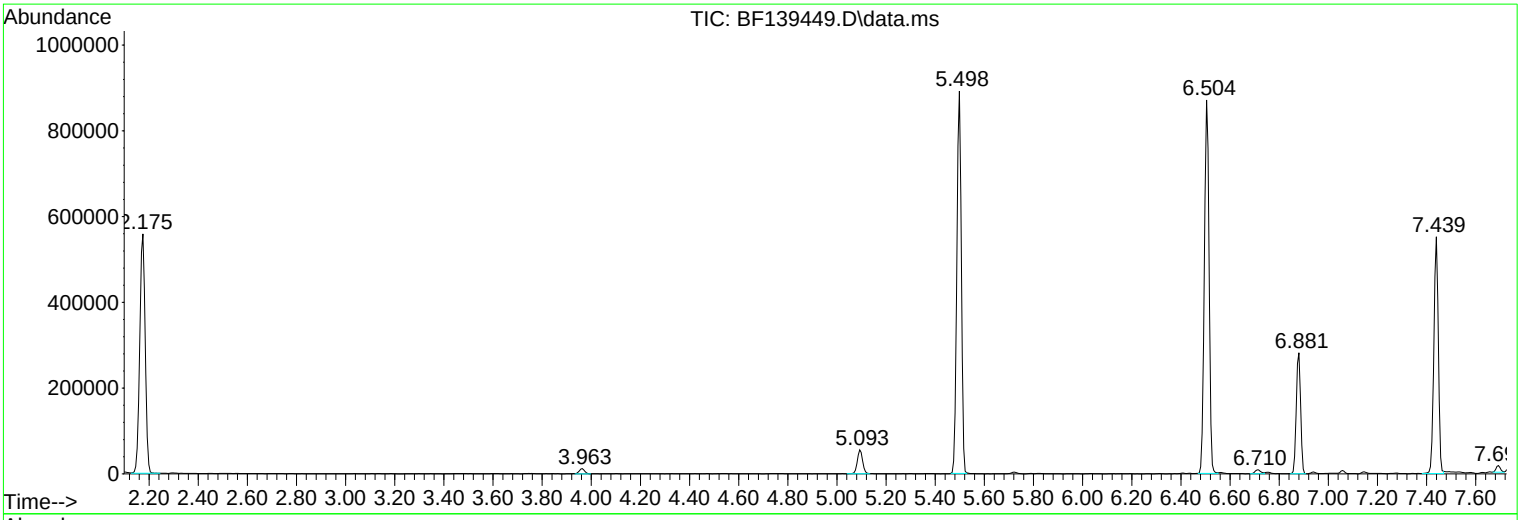
Sum of corrected areas: 18153848

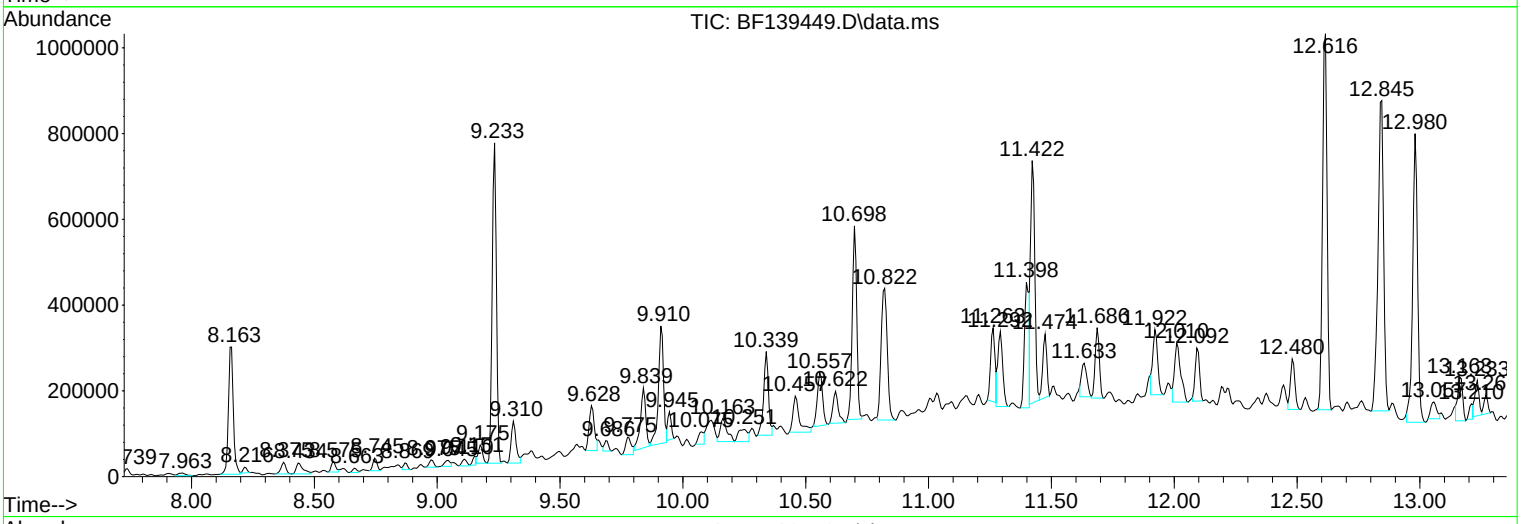
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139449.D
Acq On : 19 Sep 2024 02:26
Operator : RC/JU
Sample : P4097-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

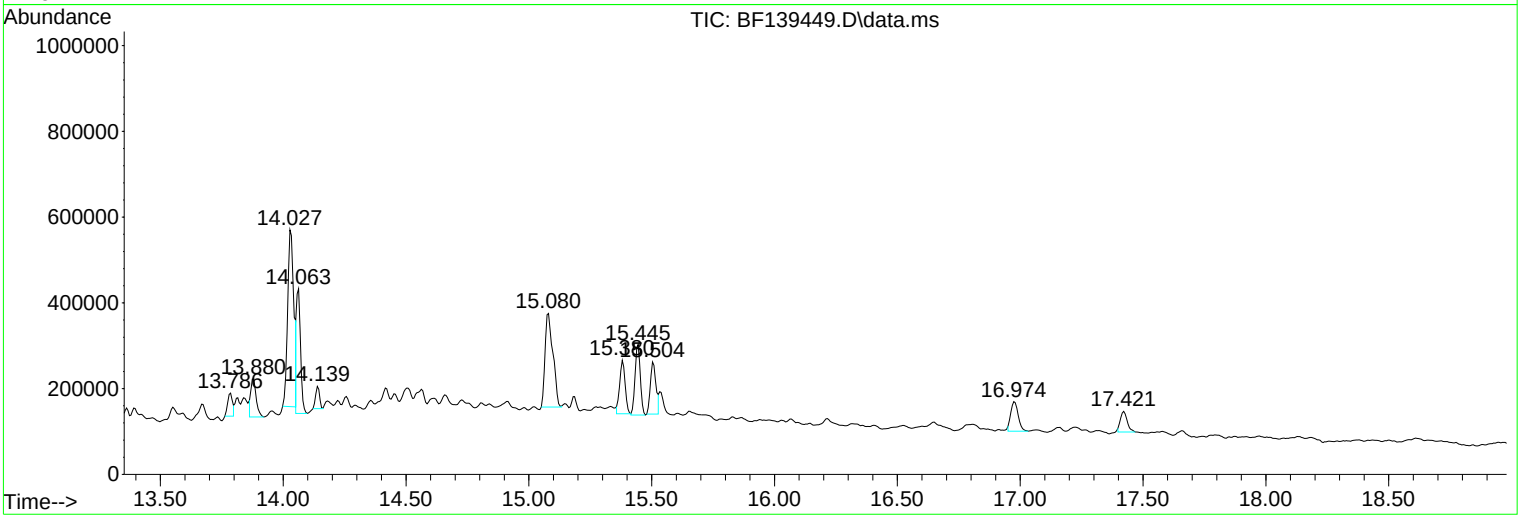
Instrument :
BNA_F
ClientSampleId :
RT2299

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139449.D
Acq On : 19 Sep 2024 02:26
Operator : RC/JU
Sample : P4097-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2299

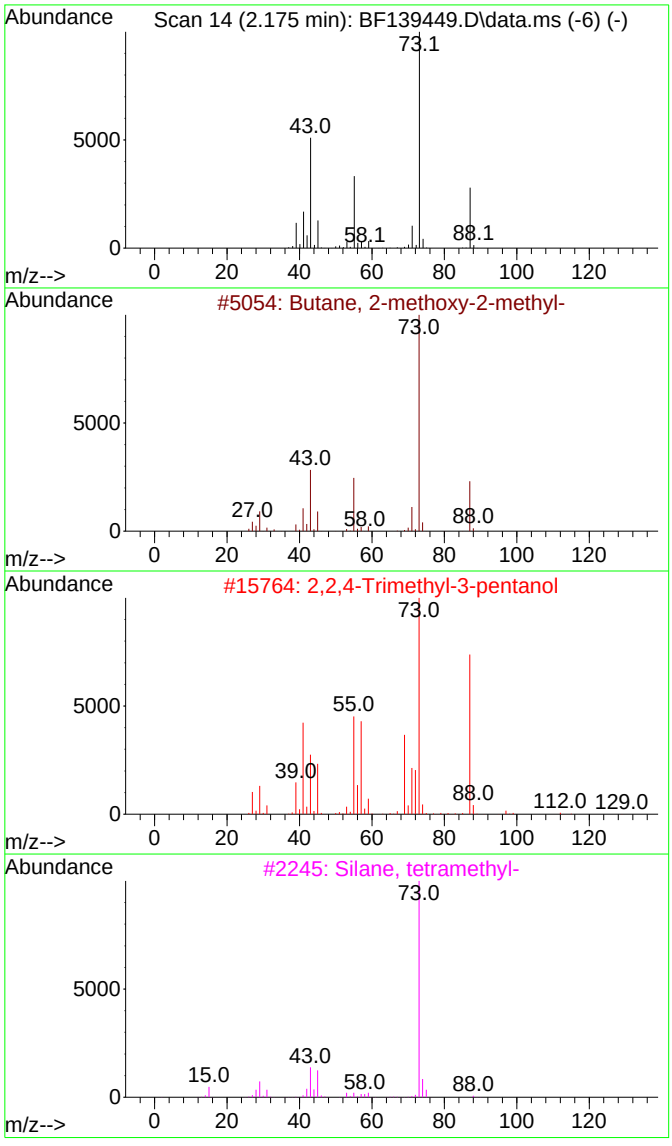
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

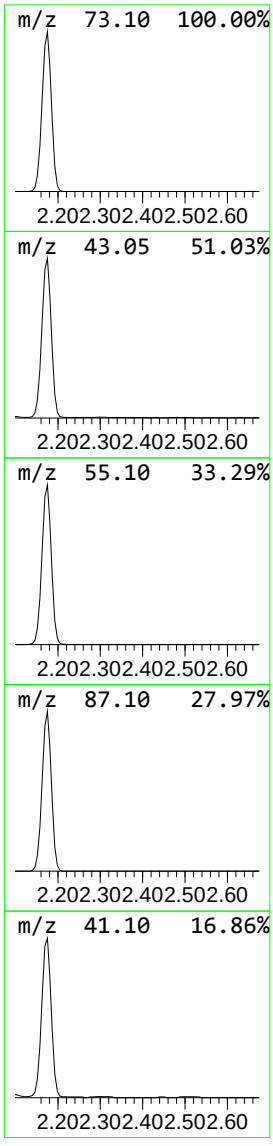
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.175	49.41 ng	858641	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	10
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139449.D
Acq On : 19 Sep 2024 02:26
Operator : RC/JU
Sample : P4097-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2299

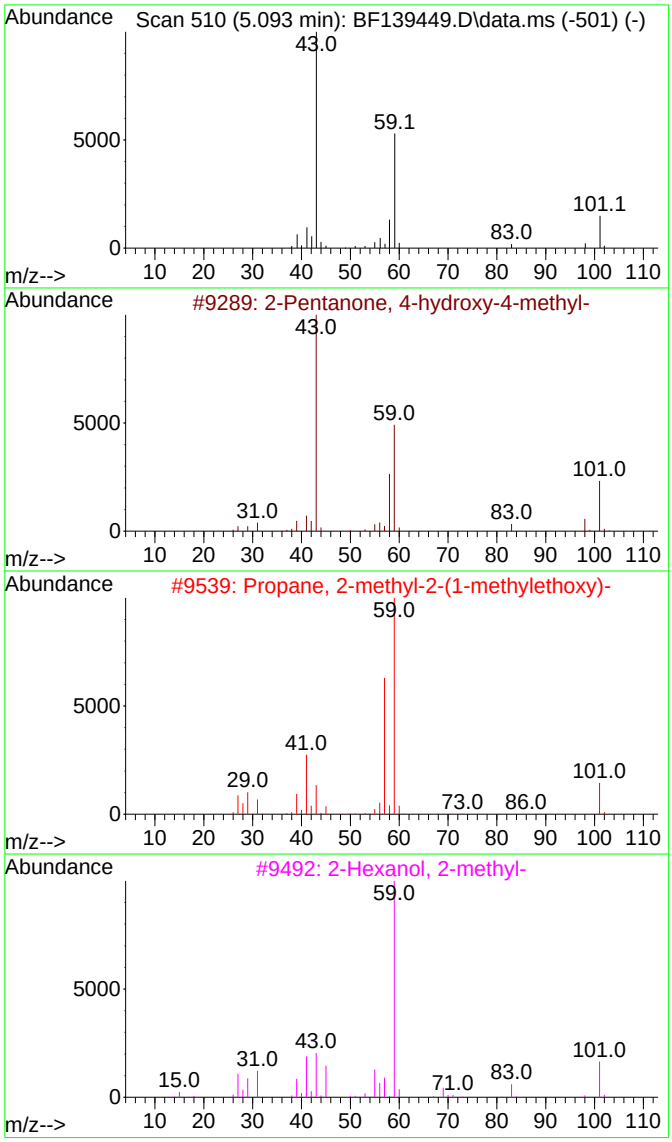
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

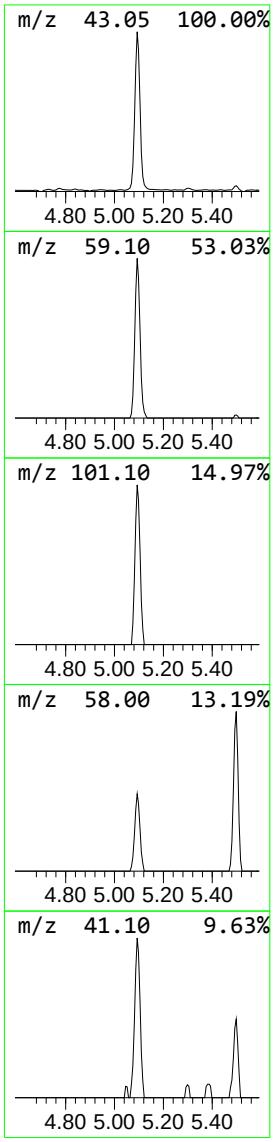
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.093	4.78 ng	82989	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	23
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139449.D
Acq On : 19 Sep 2024 02:26
Operator : RC/JU
Sample : P4097-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2299

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

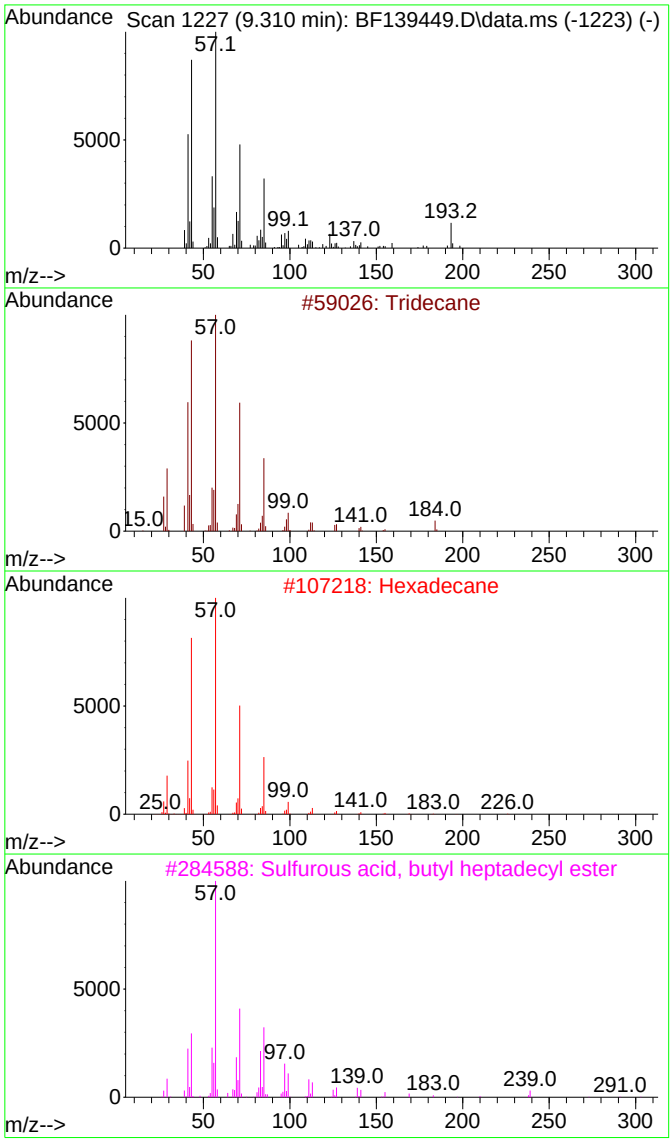
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

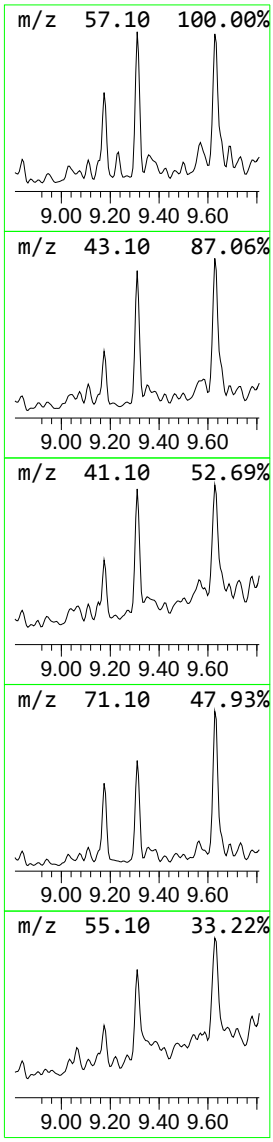
****

Peak Number 3 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.310	7.02 ng	136814	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	62
2	Hexadecane	226	C16H34	000544-76-3	58
3	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	58
4	Heptadecane	240	C17H36	000629-78-7	58
5	Dodecane	170	C12H26	000112-40-3	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139449.D
Acq On : 19 Sep 2024 02:26
Operator : RC/JU
Sample : P4097-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2299

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

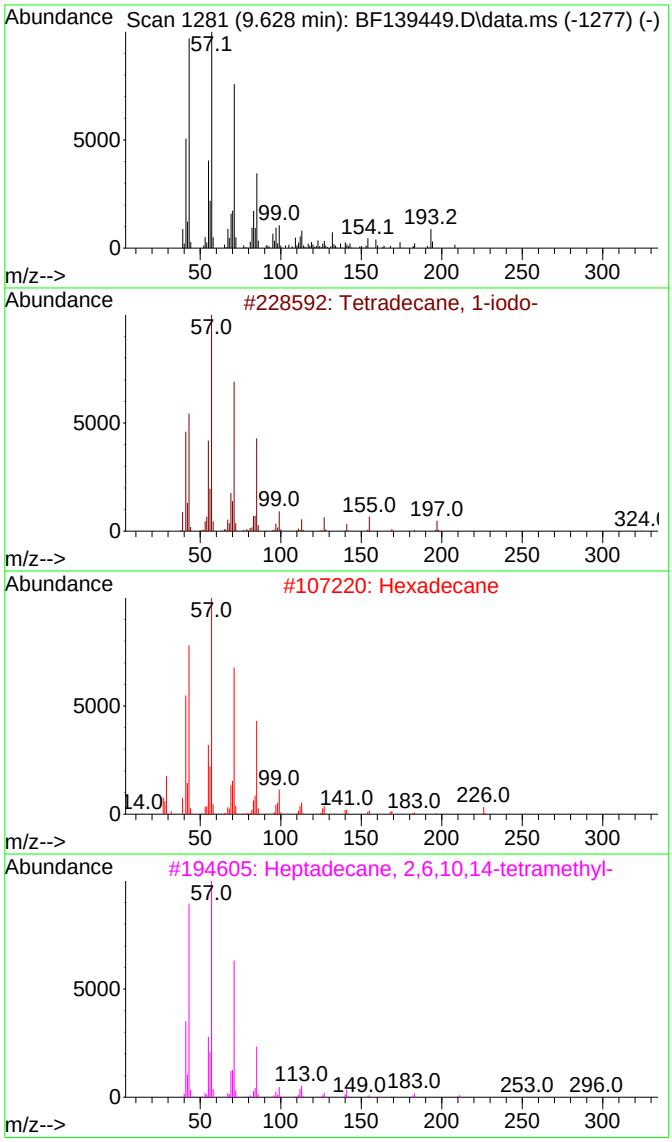
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

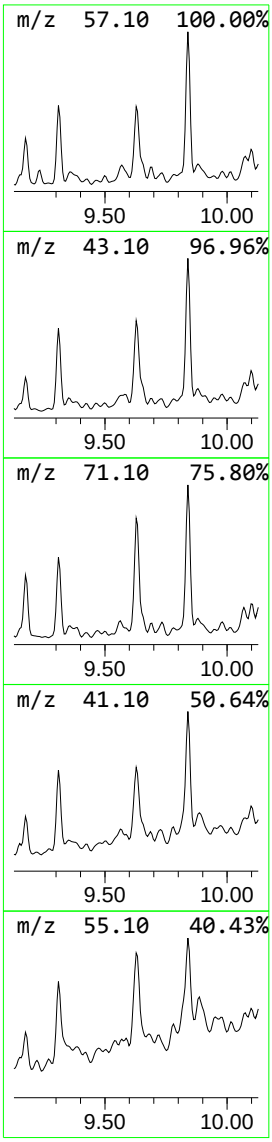
****

Peak Number 4 Tetradecane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.628	8.15 ng	158904	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	83
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
5	Dodecane	170	C12H26	000112-40-3	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139449.D
Acq On : 19 Sep 2024 02:26
Operator : RC/JU
Sample : P4097-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2299

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

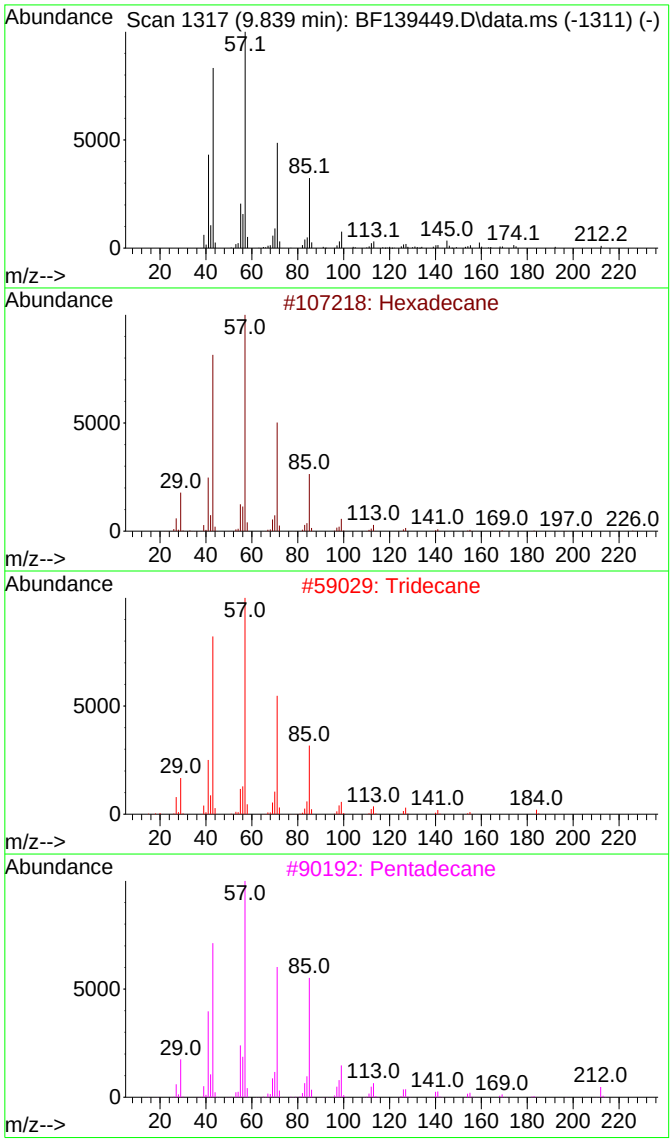
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

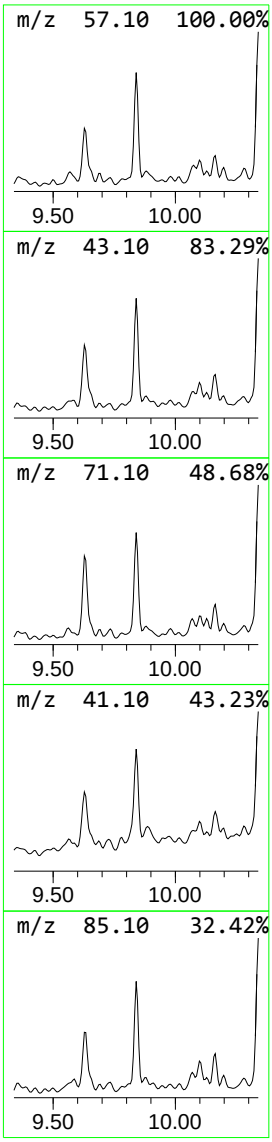
****

Peak Number 5 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.839	10.80 ng	210610	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Pentadecane	212	C15H32	000629-62-9	81
4	Tetradecane	198	C14H30	000629-59-4	72
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139449.D
Acq On : 19 Sep 2024 02:26
Operator : RC/JU
Sample : P4097-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2299

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

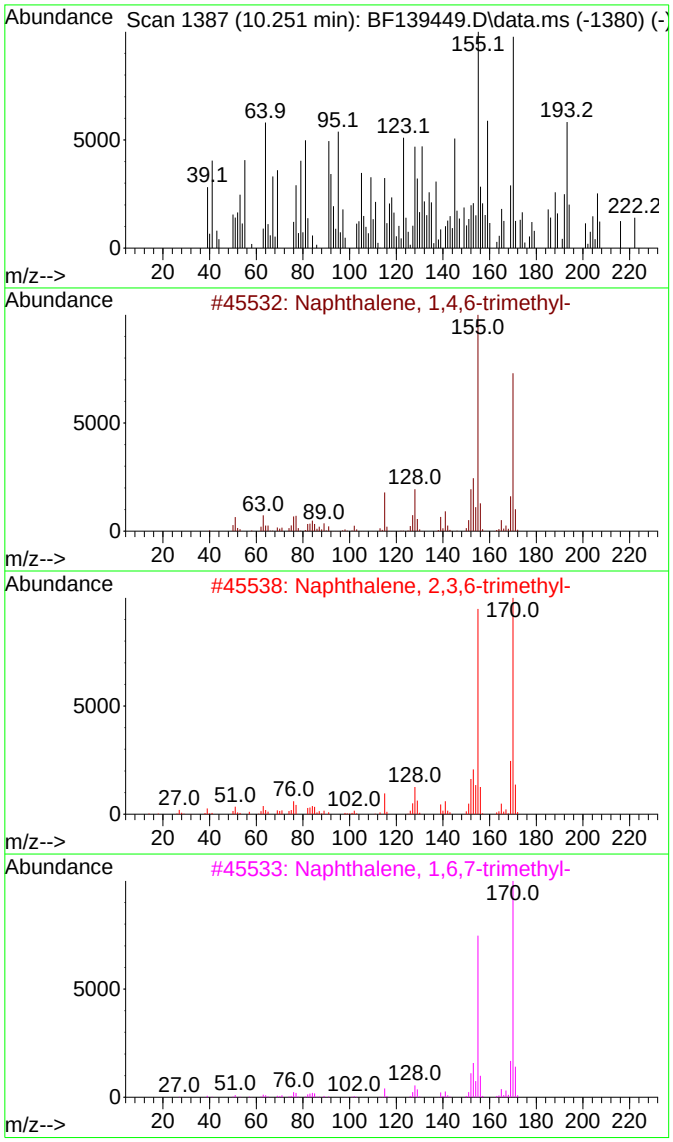
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

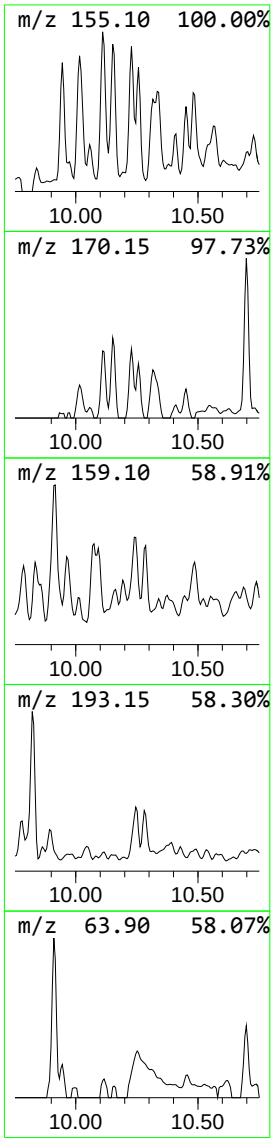
****

Peak Number 6 unknown10.251 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.251	4.01 ng	78186	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	43
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	43
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	35
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	35
5	5-Methyl-1,2,3,4-tetrathiane	170	C3H6S4	116664-30-3	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139449.D
Acq On : 19 Sep 2024 02:26
Operator : RC/JU
Sample : P4097-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2299

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

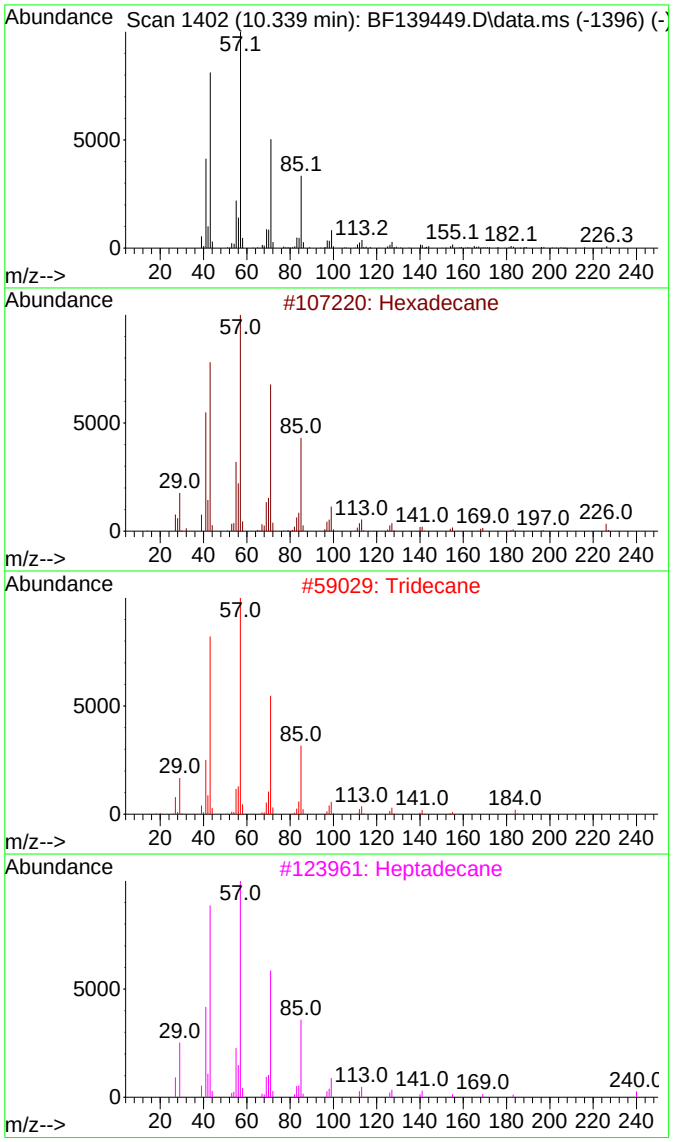
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

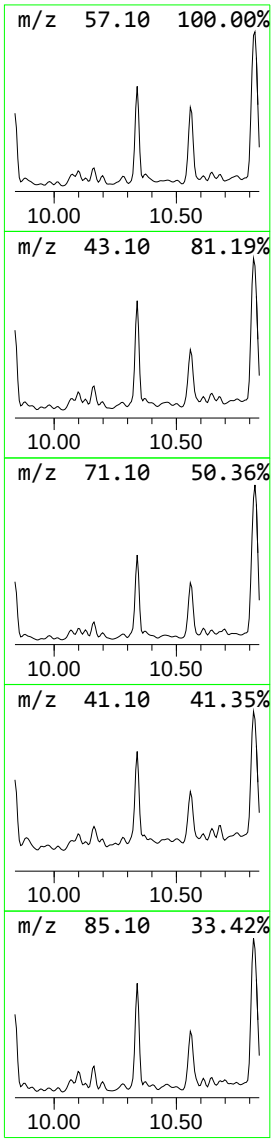
****

Peak Number 7 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.339	13.75 ng	268066	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Tridecane	184	C13H28	000629-50-5	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139449.D
Acq On : 19 Sep 2024 02:26
Operator : RC/JU
Sample : P4097-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2299

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

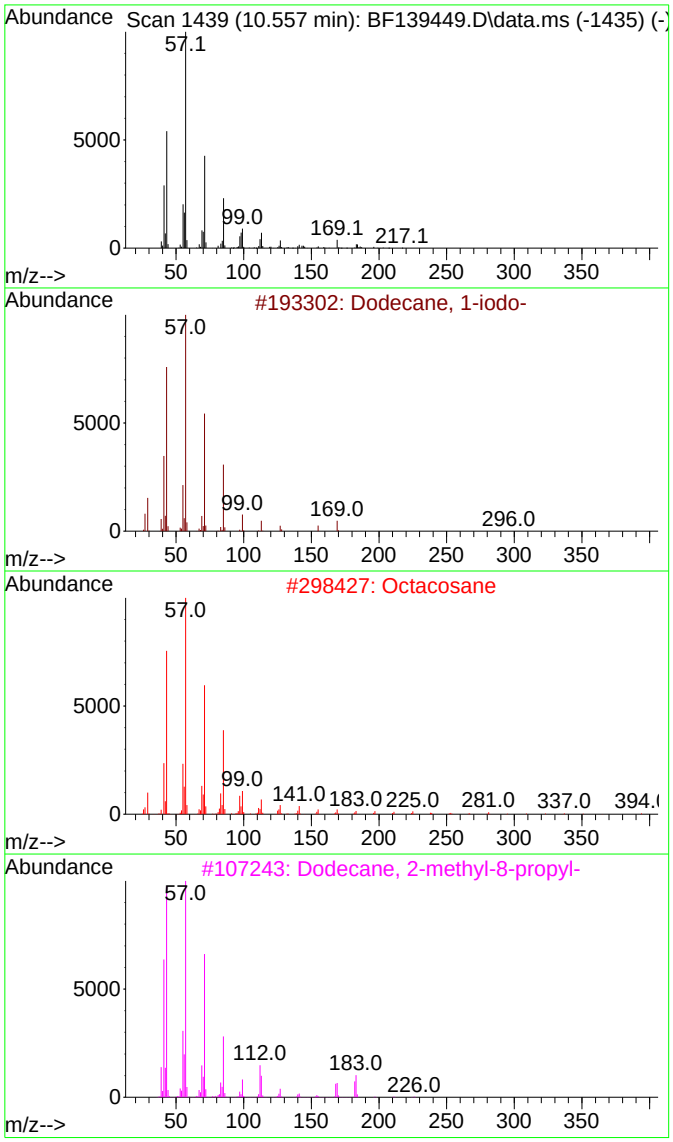
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

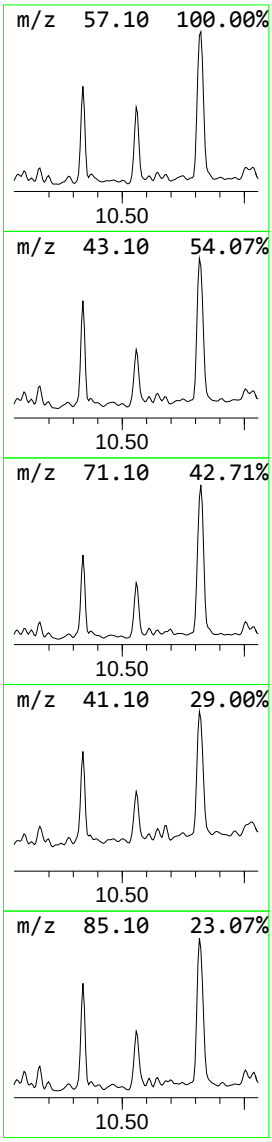
****

Peak Number 8 Dodecane, 1-iodo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.557	9.55 ng	186105	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
2	Octacosane	394	C28H58	000630-02-4	72
3	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	72
4	Tridecane	184	C13H28	000629-50-5	68
5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139449.D
Acq On : 19 Sep 2024 02:26
Operator : RC/JU
Sample : P4097-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2299

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

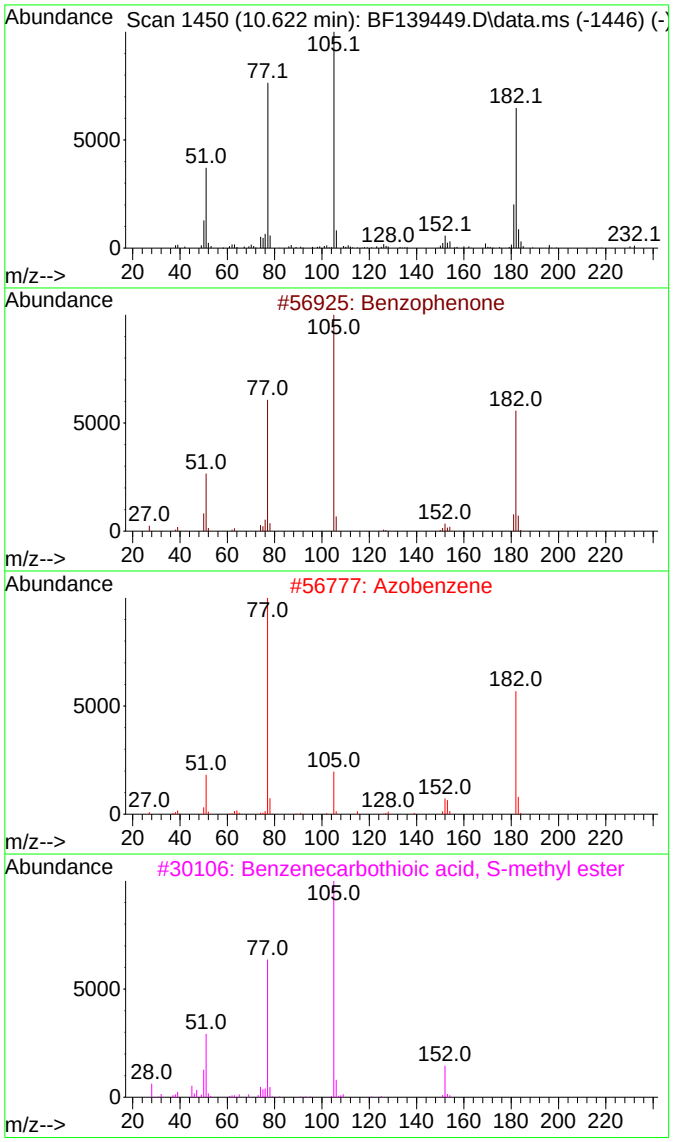
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

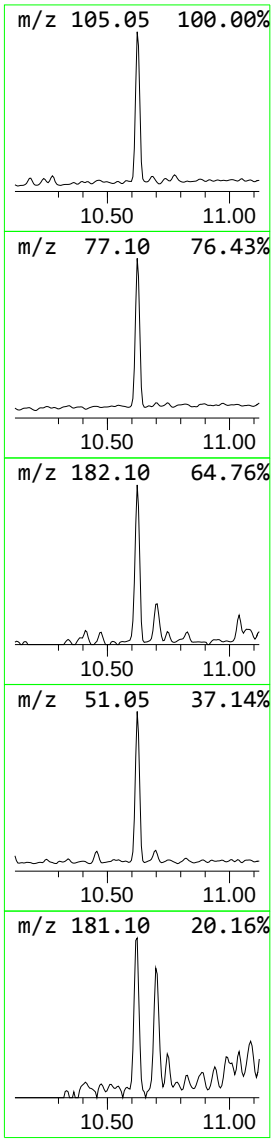
****

Peak Number 9 Benzophenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	5.67 ng	110571	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	60
4	Benzoylformic acid	150	C8H6O3	000611-73-4	49
5	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139449.D
Acq On : 19 Sep 2024 02:26
Operator : RC/JU
Sample : P4097-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2299

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

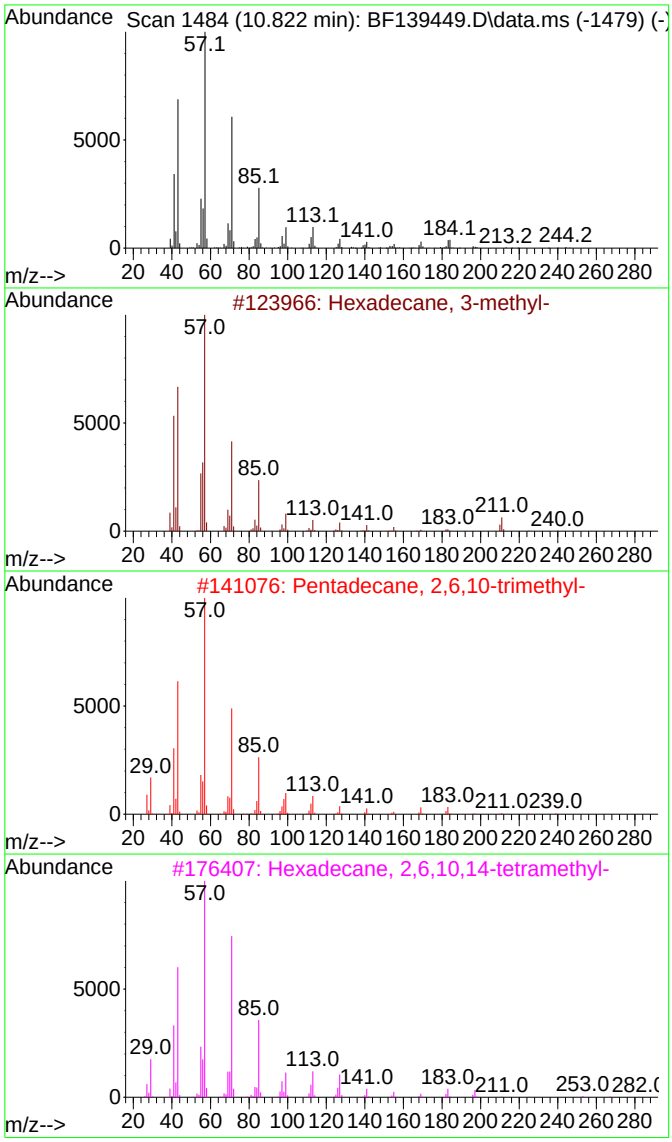
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

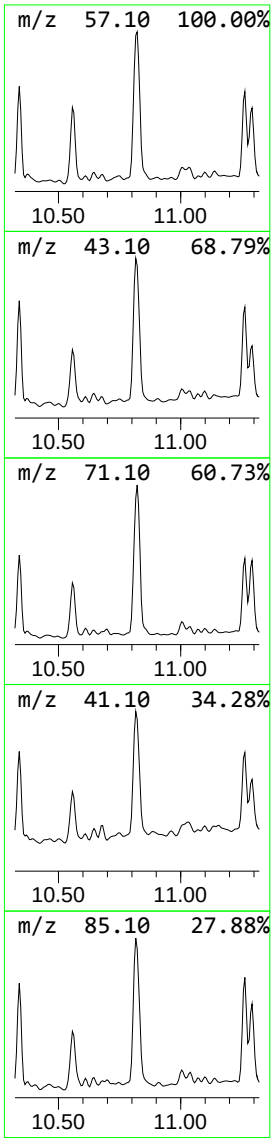
****

Peak Number 10 Hexadecane, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.822	25.84 ng	531403	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	91
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
4	Heptacosane	380	C27H56	000593-49-7	83
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139449.D
Acq On : 19 Sep 2024 02:26
Operator : RC/JU
Sample : P4097-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2299

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

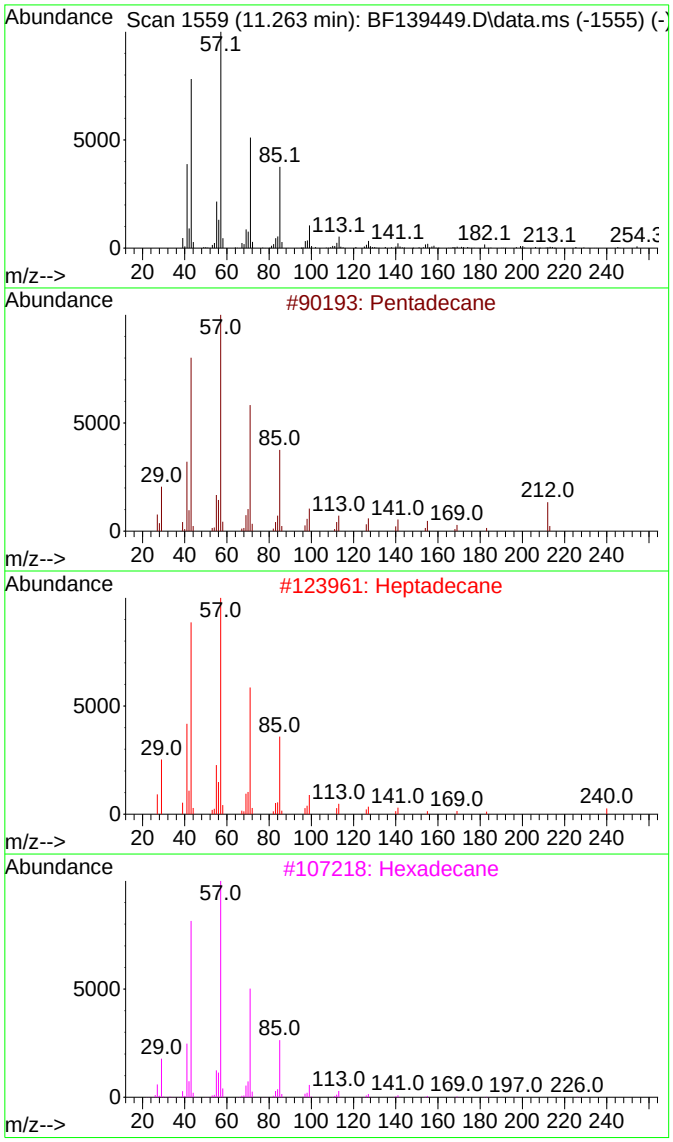
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

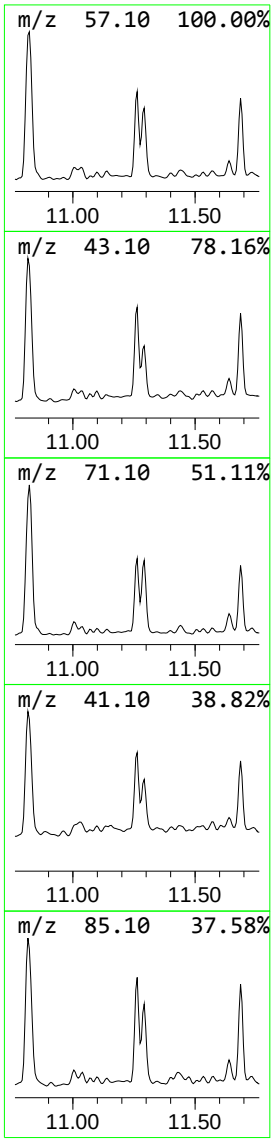
****

Peak Number 11 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.263	10.53 ng	216584	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	96
2	Heptadecane	240	C17H36	000629-78-7	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Octadecane	254	C18H38	000593-45-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139449.D
Acq On : 19 Sep 2024 02:26
Operator : RC/JU
Sample : P4097-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2299

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

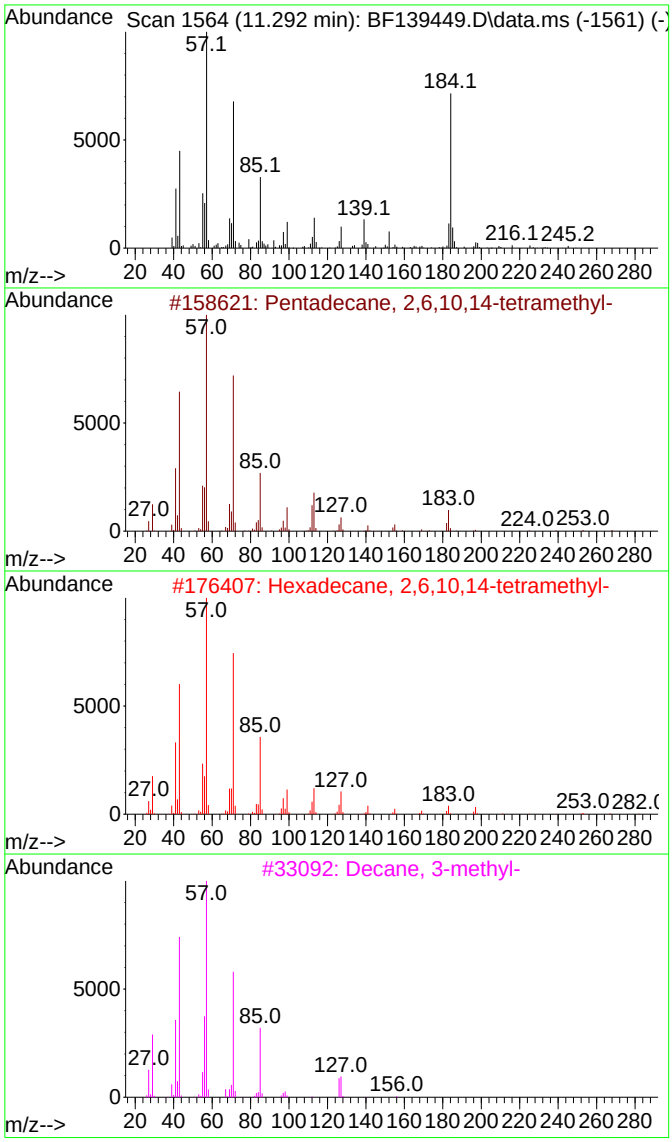
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

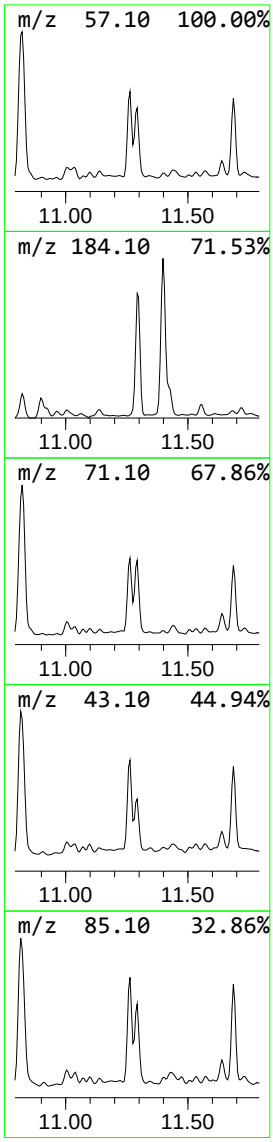
****

Peak Number 12 Pentadecane, 2,6,10,14-tetr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.292	11.51 ng	236751	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	50
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	49
3	Decane, 3-methyl-	156	C11H24	013151-34-3	43
4	2,5-Cyclohexadiene-1,4-dione, 2,...	184	C8H8O5	000085-23-4	41
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139449.D
Acq On : 19 Sep 2024 02:26
Operator : RC/JU
Sample : P4097-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2299

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

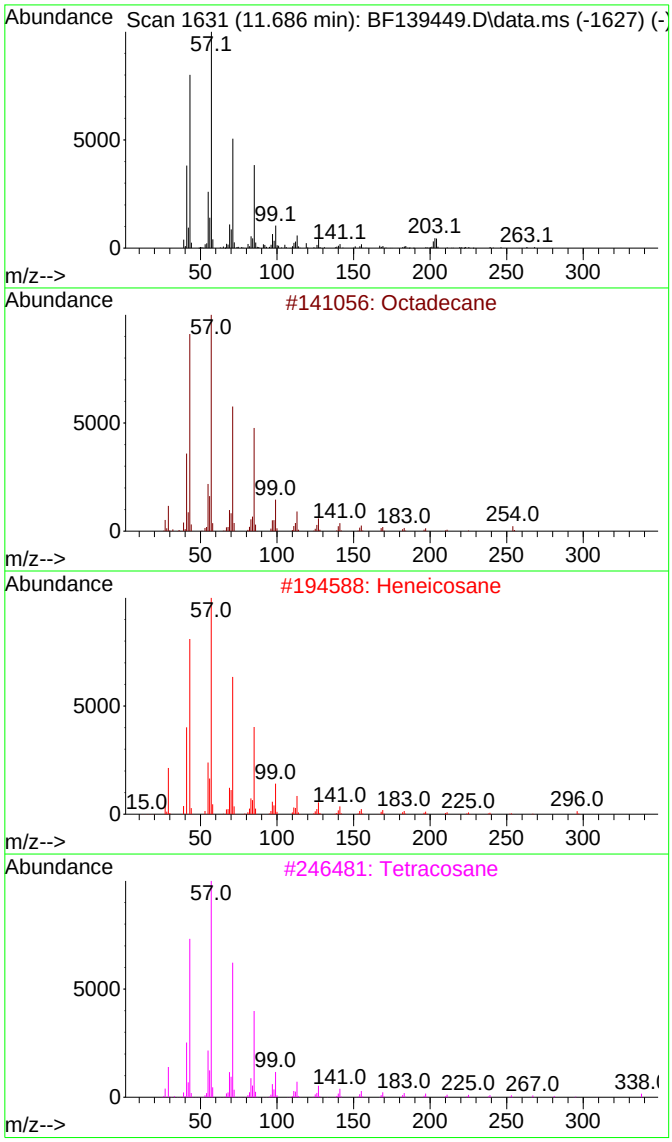
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

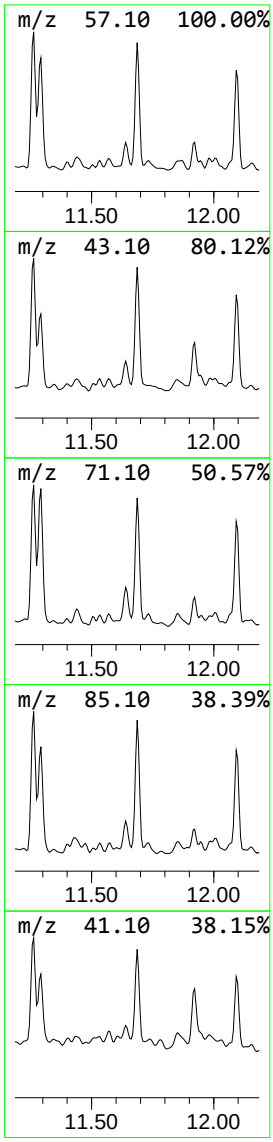
****

Peak Number 13 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.686	9.48 ng	195055	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Tetracosane	338	C24H50	000646-31-1	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Octacosane	394	C28H58	000630-02-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139449.D
Acq On : 19 Sep 2024 02:26
Operator : RC/JU
Sample : P4097-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2299

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

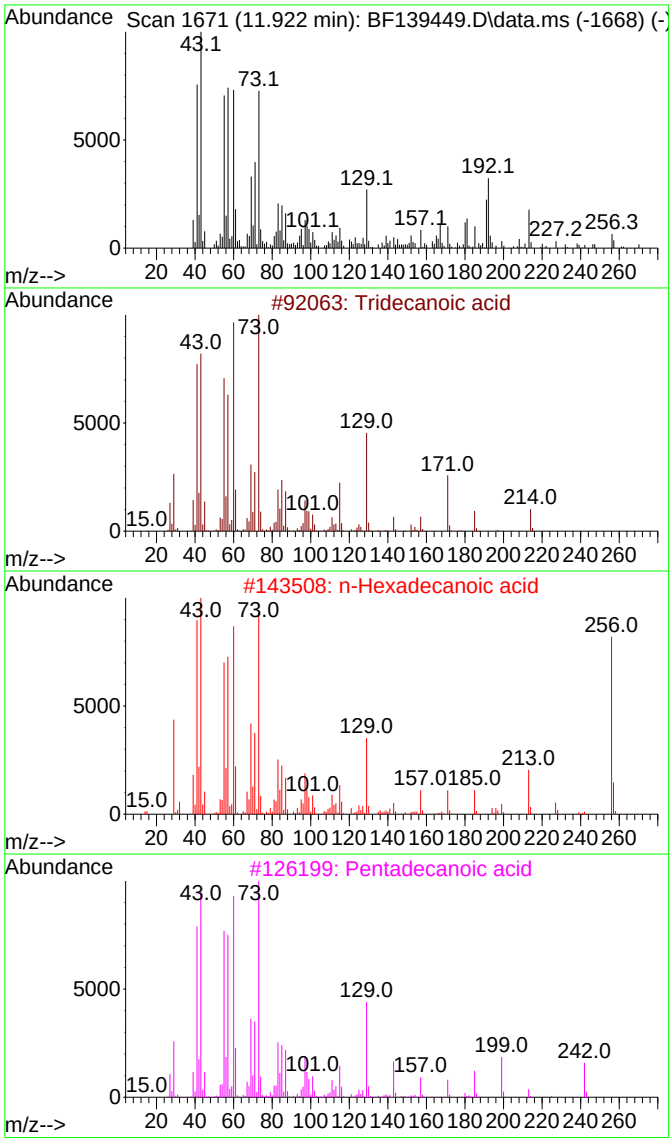
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

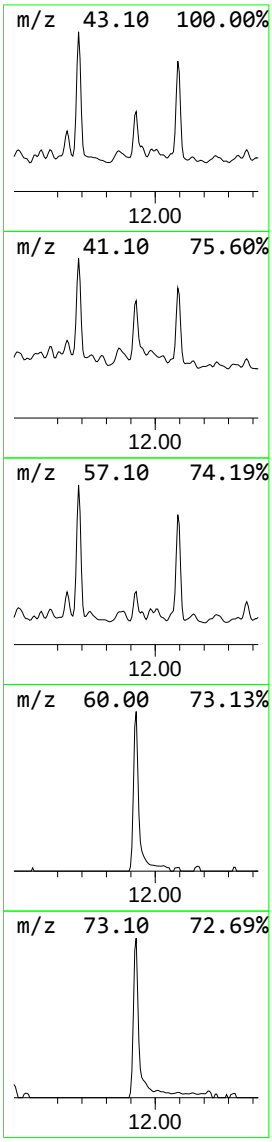
****

Peak Number 14 Tridecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	10.09 ng	207576	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	78
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	60
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139449.D
Acq On : 19 Sep 2024 02:26
Operator : RC/JU
Sample : P4097-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2299

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

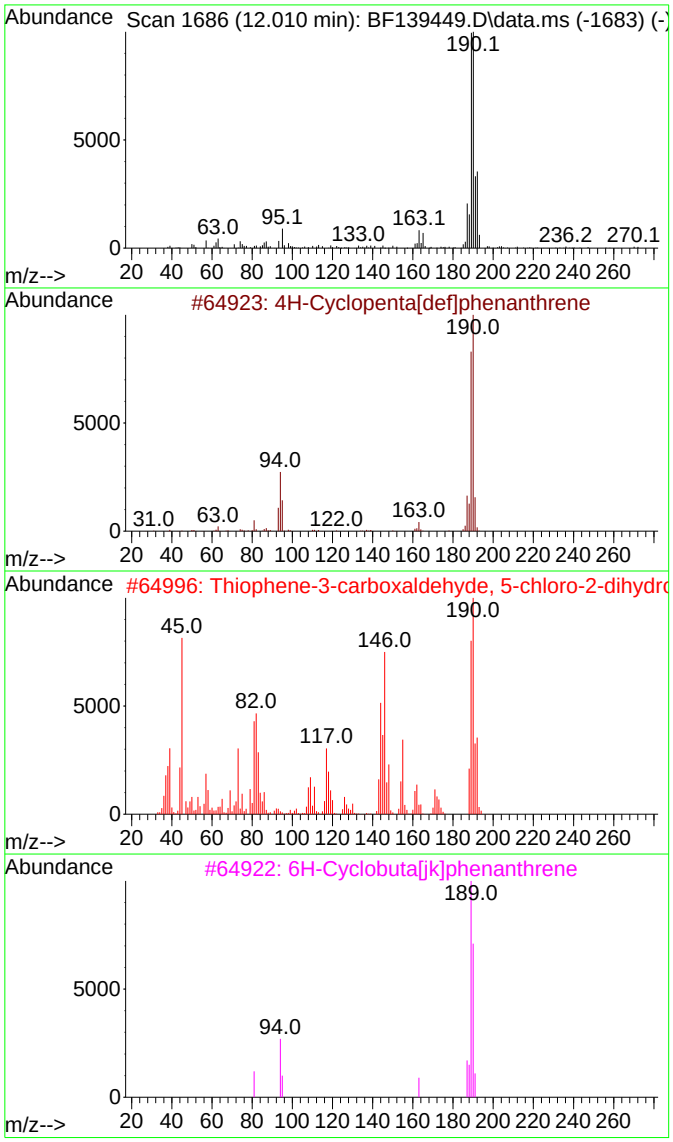
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

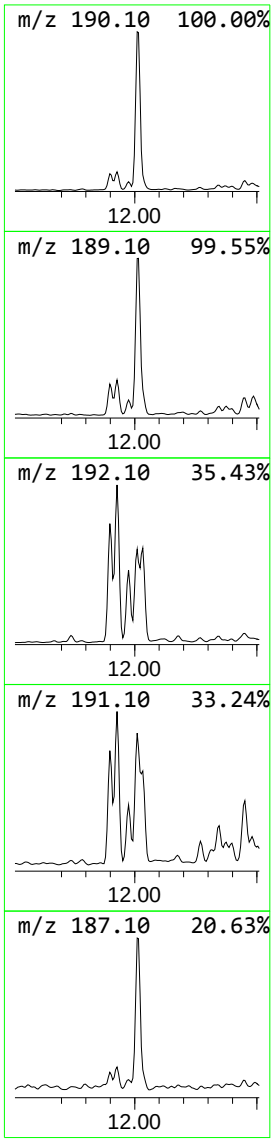
****

Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	11.59 ng	238448	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	36
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139449.D
Acq On : 19 Sep 2024 02:26
Operator : RC/JU
Sample : P4097-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2299

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

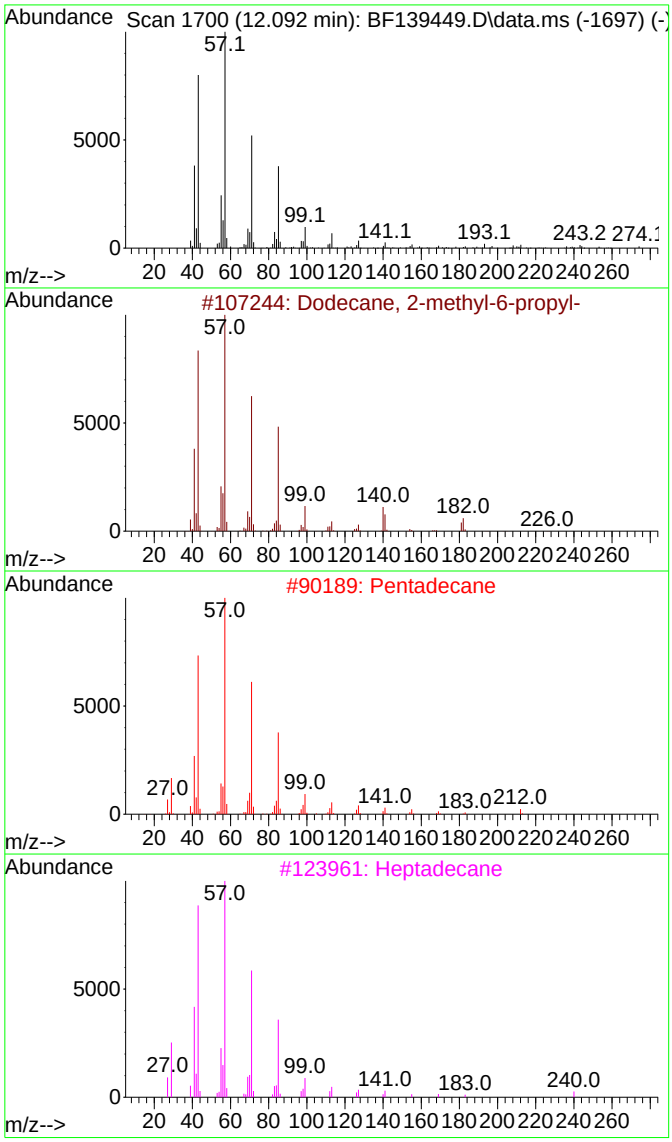
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

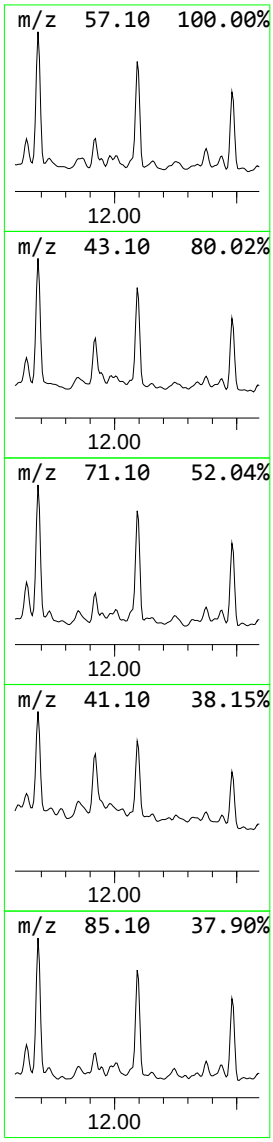
****

Peak Number 16 Dodecane, 2-methyl-6-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	7.25 ng	149068	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
2	Pentadecane	212	C15H32	000629-62-9	93
3	Heptadecane	240	C17H36	000629-78-7	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Heneicosane	296	C21H44	000629-94-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139449.D
Acq On : 19 Sep 2024 02:26
Operator : RC/JU
Sample : P4097-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2299

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

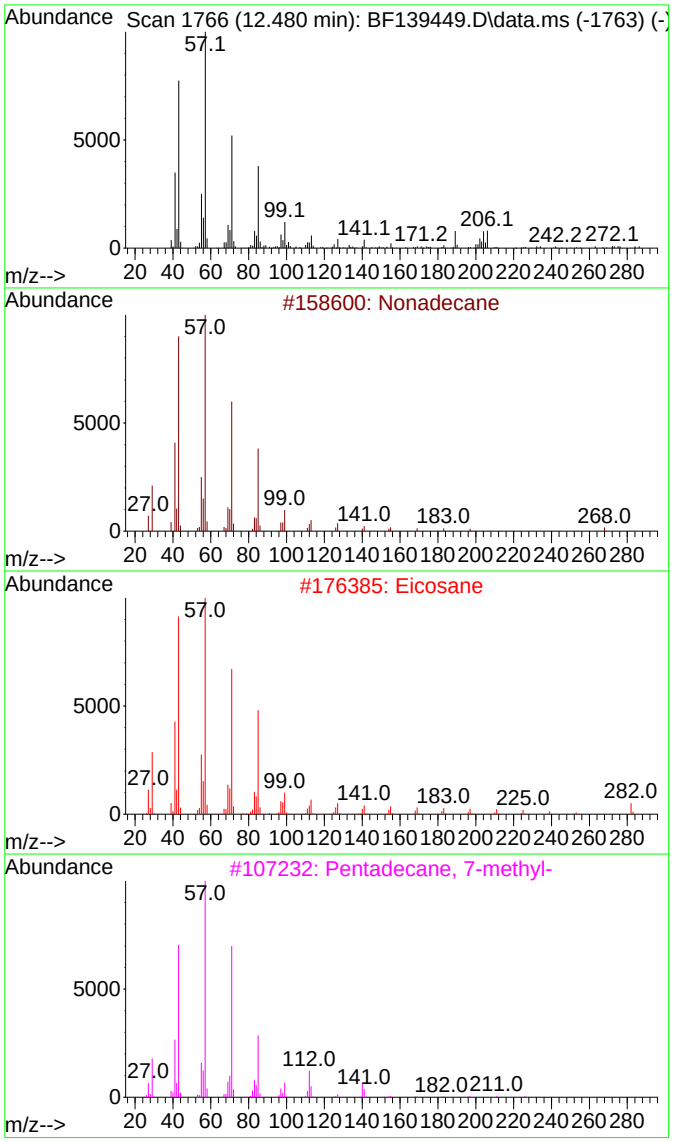
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

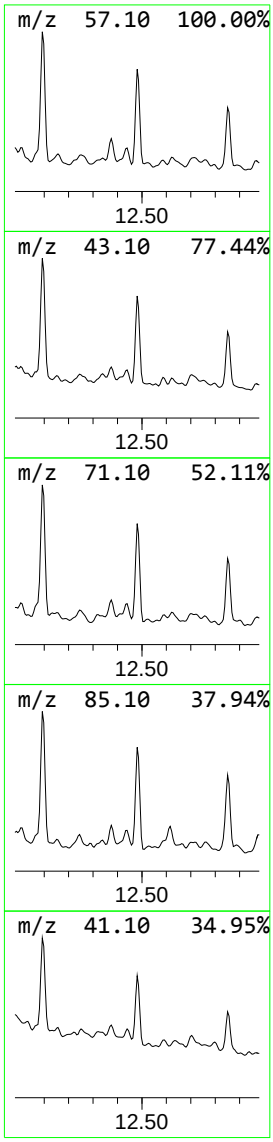
****

Peak Number 17 Nonadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	7.19 ng	147960	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	81
2	Eicosane	282	C20H42	000112-95-8	76
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	76
4	Heneicosane	296	C21H44	000629-94-7	76
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139449.D
Acq On : 19 Sep 2024 02:26
Operator : RC/JU
Sample : P4097-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2299

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

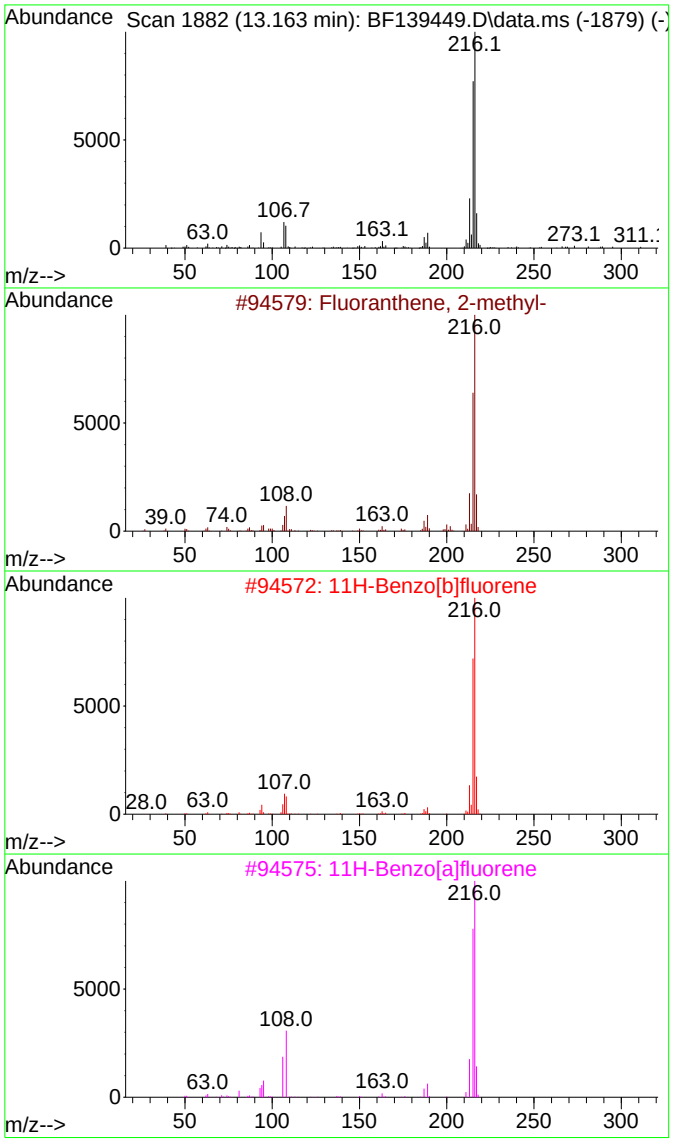
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

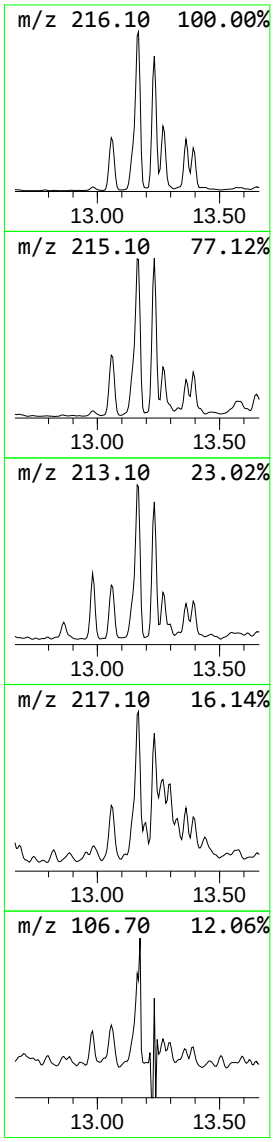
****

Peak Number 18 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	3.74 ng	138277	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139449.D
Acq On : 19 Sep 2024 02:26
Operator : RC/JU
Sample : P4097-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2299

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

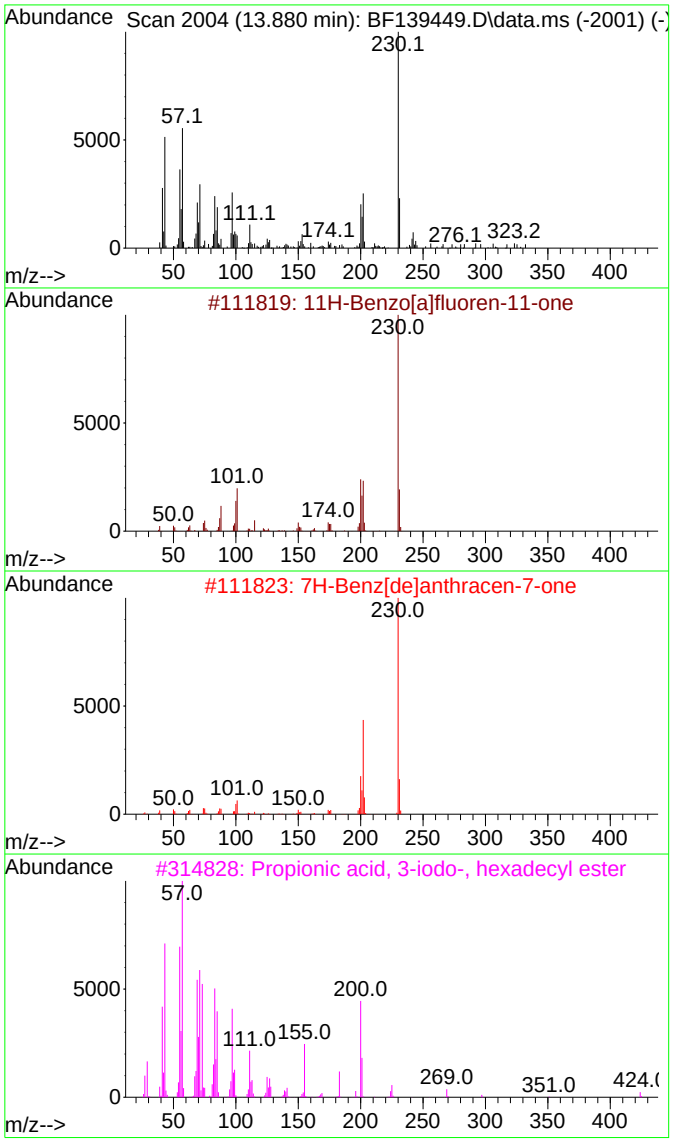
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

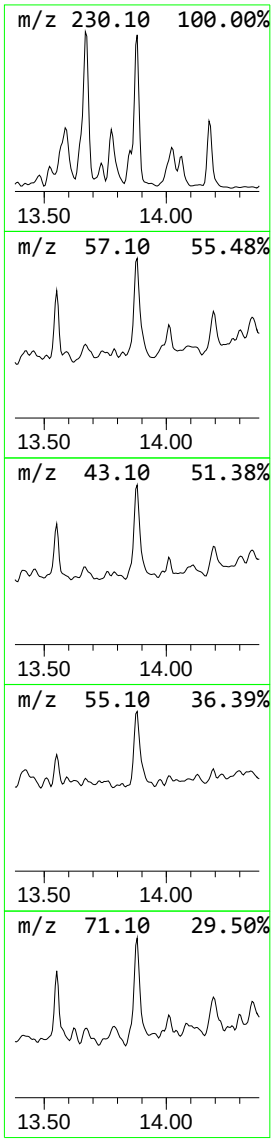
****

Peak Number 19 unknown13.880 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	3.58 ng	132457	Chrysene-d12	14.033

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	49
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	45
3	Propionic acid, 3-iodo-, hexadec...	424	C19H37IO2	1000406-24-7	30
4	Propionic acid, 3-iodo-, octadec...	452	C21H41IO2	1000406-24-9	30
5	Propionic acid, 3-iodo-, heptade...	438	C20H39IO2	1000406-24-8	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139449.D
Acq On : 19 Sep 2024 02:26
Operator : RC/JU
Sample : P4097-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2299

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

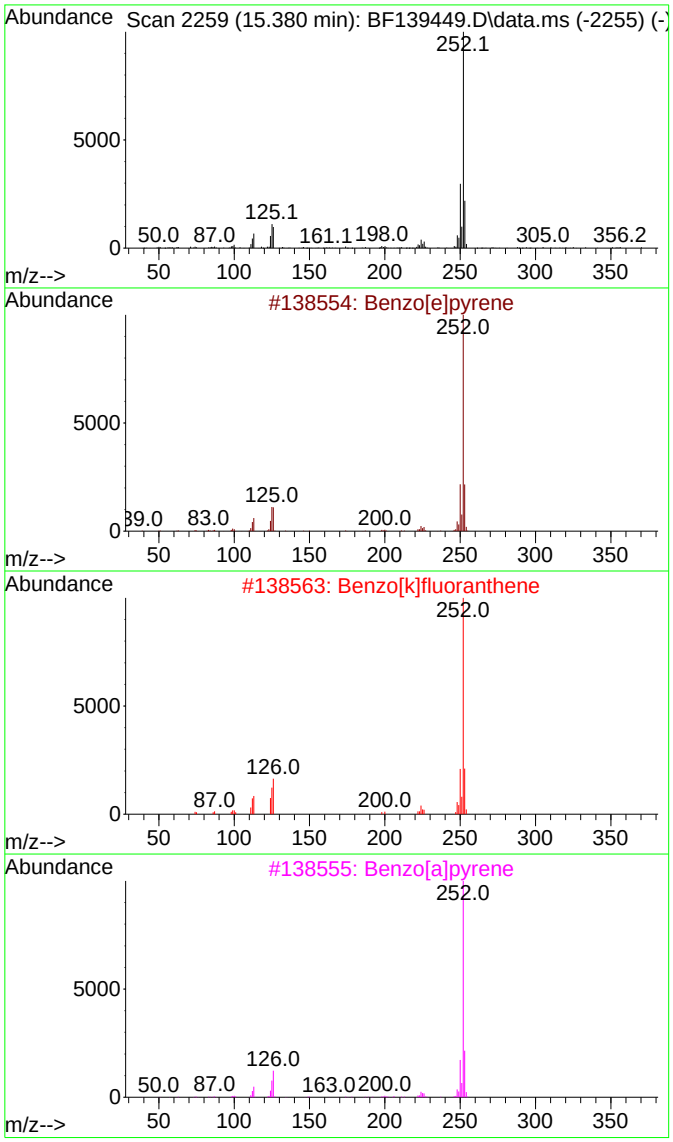
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

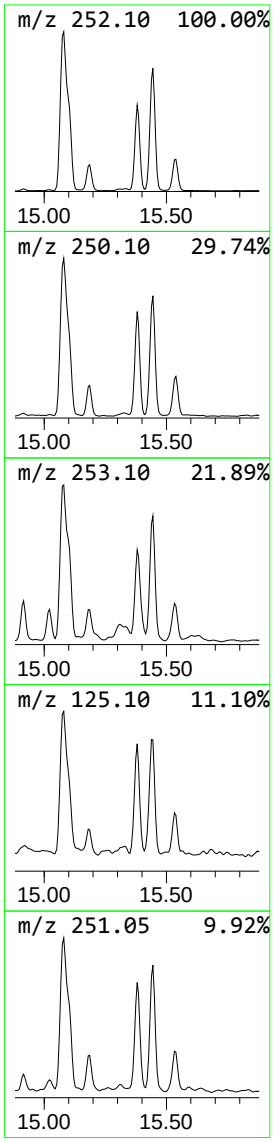
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.380	19.32 ng	191584	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139449.D
Acq On : 19 Sep 2024 02:26
Operator : RC/JU
Sample : P4097-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT2299

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.175	49.4	ng	858641	1	6.881	347590	20.0
2-Pentanone, 4-...	5.093	4.8	ng	82989	1	6.881	347590	20.0
Tridecane	9.310	7.0	ng	136814	3	9.910	389900	20.0
Tetradecane, 1-...	9.628	8.2	ng	158904	3	9.910	389900	20.0
Hexadecane	9.839	10.8	ng	210610	3	9.910	389900	20.0
unknown10.251	10.251	4.0	ng	78186	3	9.910	389900	20.0
Heptadecane	10.339	13.8	ng	268066	3	9.910	389900	20.0
Dodecane, 1-iodo-	10.557	9.6	ng	186105	3	9.910	389900	20.0
Benzophenone	10.622	5.7	ng	110571	3	9.910	389900	20.0
Hexadecane, 3-m...	10.822	25.8	ng	531403	4	11.398	411326	20.0
Pentadecane	11.263	10.5	ng	216584	4	11.398	411326	20.0
Pentadecane, 2,...	11.292	11.5	ng	236751	4	11.398	411326	20.0
Octadecane	11.686	9.5	ng	195055	4	11.398	411326	20.0
Tridecanoic acid	11.922	10.1	ng	207576	4	11.398	411326	20.0
4H-Cyclopenta[d...	12.010	11.6	ng	238448	4	11.398	411326	20.0
Dodecane, 2-met...	12.092	7.3	ng	149068	4	11.398	411326	20.0
Nonadecane	12.480	7.2	ng	147960	4	11.398	411326	20.0
Fluoranthene, 2...	13.163	3.7	ng	138277	5	14.033	740194	20.0
unknown13.880	13.880	3.6	ng	132457	5	14.033	740194	20.0
Benzo[e]pyrene	15.380	19.3	ng	191584	6	15.504	198287	20.0