LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
Data File : BF125911.D
Acq On : 19 Oct 2021 21:06
Operator : JU/CG
Sample : M4253-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 131

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-BF100721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125911.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.298	542	546	550	rBV	1022541	973917	2.69%	0.421%
2	5.410	560	565	580	rVB	3037889	4644574	12.81%	2.008%
3	5.669	606	609	613	rVV	2034263	1866986	5.15%	0.807%
4	6.669	773	779	781	rBV2	1393825	1655075	4.56%	0.715%
5	6.828	802	806	807	rBV	978705	918949	2.53%	0.397%
6	7.428	905	908	911	rVB	3126410	2354130	6.49%	1.018%
7	7.475	911	916	919	rBV4	517395	807045	2.23%	0.349%
8	7.540	924	927	932	rVB3	789295	1418994	3.91%	0.613%
9	7.798	967	971	973	rVB3	648678	814339	2.25%	0.352%
10	7.828	973	976	978	rBV	828042	798406	2.20%	0.345%
11	7.863	980	982	987	rVB4	791126	908010	2.50%	0.393%
12	8.098	1018	1022	1026	rVV2	4200807	4531879	12.50%	1.959%
13	8.175	1033	1035	1037	rVB	1236062	927420	2.56%	0.401%
14	8.404	1068	1074	1076	rBV4	1095293	1482882	4.09%	0.641%
15	8.457	1080	1083	1086	rVB3	1066413	907785	2.50%	0.392%
16	8.487	1086	1088	1091	rBV3	1290992	1300331	3.59%	0.562%
17	8.534	1091	1096	1098	rBV	1640406	1447761	3.99%	0.626%
18	8.610	1106	1109	1112	rBV2	1313392	1231381	3.40%	0.532%
19	8.710	1121	1126	1128	rBV	4861125	5146733	14.19%	2.225%
20	8.798	1138	1141	1143	rVB3	752013	719334	1.98%	0.311%
21	8.934	1154	1164	1168	rBV7	1368104	2397199	6.61%	1.036%
22	9.069	1182	1187	1191	rVB4	1430755	1727320	4.76%	0.747%
23	9.110	1191	1194	1195	rBV	1023308	922416	2.54%	0.399%
24	9.134	1195	1198	1204	rVB2	1703638	1712527	4.72%	0.740%
25	9.275	1217	1222	1225	rVV	5648393	5990399	16.52%	2.589%
26	9.310	1225	1228	1230	rVV4	733456	921861	2.54%	0.398%
27	9.334	1230	1232	1235	rVV2	1207864	1355433	3.74%	0.586%
28	9.504	1257	1261	1262	rBV2	686818	823017	2.27%	0.356%
29	9.522	1262	1264	1266	rVV2	1456336	1408917	3.89%	0.609%
30	9.545	1266	1268	1270	rVV	1452069	1114615	3.07%	0.482%
31	9.586	1270	1275	1277	rVV4	2360063	3100384	8.55%	1.340%
32	9.610	1277	1279	1282	rVV2	1965632	1712774	4.72%	0.740%
33	9.645	1282	1285	1288	rVB2	1639309	1409536	3.89%	0.609%
34	9.739	1296	1301	1303	rBV4	528995	759482	2.09%	0.328%
35	9.775	1303	1307	1308	rVV4	580056	741774	2.05%	0.321%
36	9.804	1308	1312	1315	rVV	5703220	6172202	17.02%	2.668%

LSC Area Percent Report

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Operator : JU/CG
Sample : M4253-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 131

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-BF100721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.839	1315	1318	1320	rVV2	1360478	1607136	4.43%	0.695%
38	9.863	1320	1322	1325	rVV	1895656	1741782	4.80%	0.753%
39	9.933	1332	1334	1337	rVB3	708687	714228	1.97%	0.309%
40	10.028	1346	1350	1353	rBV3	1330141	2071106	5.71%	0.895%
41	10.057	1353	1355	1358	rVV2	1314077	1376540	3.80%	0.595%
42	10.086	1358	1360	1362	rVV	927568	705032	1.94%	0.305%
43	10.122	1362	1366	1369	rVV5	1711100	2288307	6.31%	0.989%
44	10.157	1369	1372	1374	rVB	1003180	813411	2.24%	0.352%
45	10.181	1374	1376	1379	rBV3	594069	809711	2.23%	0.350%
46	10.233	1383	1385	1389	rVB3	752385	909756	2.51%	0.393%
47	10.304	1389	1397	1399	rBV	5568199	6500676	17.93%	2.810%
48	10.351	1403	1405	1410	rVB4	729879	1050339	2.90%	0.454%
49	10.522	1428	1434	1439	rBV	2709480	4446327	12.26%	1.922%
50	10.569	1439	1442	1445	rVB	1066893	945187	2.61%	0.409%
51	10.598	1445	1447	1451	rBV2	1034274	1144807	3.16%	0.495%
52	10.633	1451	1453	1457	rVB	1397391	1127865	3.11%	0.488%
53	10.775	1474	1477	1486	rBV	4758104	7317789	20.18%	3.163%
54	10.963	1506	1509	1511	rBV	1062041	1095704	3.02%	0.474%
55	11.222	1549	1553	1555	rBV	4522279	4576908	12.62%	1.978%
56	11.251	1555	1558	1563	rVB	2491327	2722837	7.51%	1.177%
57	11.345	1572	1574	1577	rBV	961342	912539	2.52%	0.394%
58	11.392	1580	1582	1587	rVB2	762675	1120962	3.09%	0.485%
59	11.598	1615	1617	1621	rVB2	781655	706053	1.95%	0.305%
60	11.645	1621	1625	1629	rBV	4076009	4267816	11.77%	1.845%
61	11.804	1649	1652	1658	rBV3	1112763	1601982	4.42%	0.692%
62	11.898	1661	1668	1673	rBV2	3794735	6194321	17.08%	2.678%
63	12.051	1691	1694	1697	rBV	3920253	3697117	10.20%	1.598%
64	12.439	1756	1760	1763	rBV	3676748	3182659	8.78%	1.376%
65	12.574	1780	1783	1784	rBV2	1864653	1887632	5.21%	0.816%
66	12.592	1784	1786	1793	rVB2	2607890	3224956	8.89%	1.394%
67	12.669	1795	1799	1804	rVB	2538379	2653404	7.32%	1.147%
68	12.810	1820	1823	1826	rVB	2712238	2290900	6.32%	0.990%
69	12.927	1840	1843	1846	rBV2	426509	750913	2.07%	0.325%
70	13.163	1880	1883	1886	rBV	2078271	1677031	4.63%	0.725%
71	13.239	1893	1896	1900	rVB2	972376	1024813	2.83%	0.443%
72	13.504	1938	1941	1944	rVB	1393708	1177325	3.25%	0.509%
73	13.774	1983	1987	1988	rBV	2251554	2203104	6.08%	0.952%
74	13.786	1988	1989	1992	rVV	2262078	1719101	4.74%	0.743%
75	13.827	1992	1996	2004	rVB	3377958	3304464	9.11%	1.428%
76	13.898	2004	2008	2009	rBV	2678287	2399422	6.62%	1.037%

LSC Area Percent Report

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Acq On : 19 Oct 2021 21:06
Operator : JU/CG
Sample : M4253-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 131

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-BF100721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.916	2009	2011	2013	rVV	2538643	1949211	5.38%	0.843%
78	13.980	2020	2022	2026	rVB	1052342	909649	2.51%	0.393%
79	14.039	2028	2032	2035	rBV	2669518	2390975	6.59%	1.034%
80	14.092	2037	2041	2043	rBV	2441296	2666929	7.36%	1.153%
81	14.116	2043	2045	2048	rVB	2238496	1705856	4.70%	0.737%
82	14.151	2048	2051	2056	rVB	2000563	2028306	5.59%	0.877%
83	14.204	2056	2060	2062	rBV	2367036	2363646	6.52%	1.022%
84	14.227	2062	2064	2066	rVB	2011923	1491693	4.11%	0.645%
85	14.363	2084	2087	2090	rBV	2382295	2145405	5.92%	0.927%
86	14.404	2090	2094	2097	rVV	1370341	1695750	4.68%	0.733%
87	14.445	2100	2101	2103	rVV	1417896	1149678	3.17%	0.497%
88	14.468	2103	2105	2111	rVB	1366794	1451002	4.00%	0.627%
89	14.527	2111	2115	2116	rBV	1971596	2045281	5.64%	0.884%
90	14.668	2125	2139	2142	rBV	9838057	36259363	100.00%	15.674%
91	14.716	2142	2147	2152	rVV	1460756	2925870	8.07%	1.265%
92	14.757	2152	2154	2157	rVV	1106555	1180354	3.26%	0.510%
93	14.786	2157	2159	2165	rVV	1647540	2147393	5.92%	0.928%
94	14.863	2169	2172	2180	rVB	1268186	1853595	5.11%	0.801%
95	15.033	2198	2201	2205	rBV2	714643	915426	2.52%	0.396%
96	15.110	2211	2214	2216	rBV2	663677	760987	2.10%	0.329%
97	15.133	2216	2218	2222	rVB	708136	719198	1.98%	0.311%
98	15.327	2247	2251	2257	rVB	1375666	1873266	5.17%	0.810%
99	15.451	2268	2272	2277	rVB2	613473	820239	2.26%	0.355%
100	17.415	2601	2606	2621	rVB2	316949	799217	2.20%	0.345%

Sum of corrected areas: 231336038

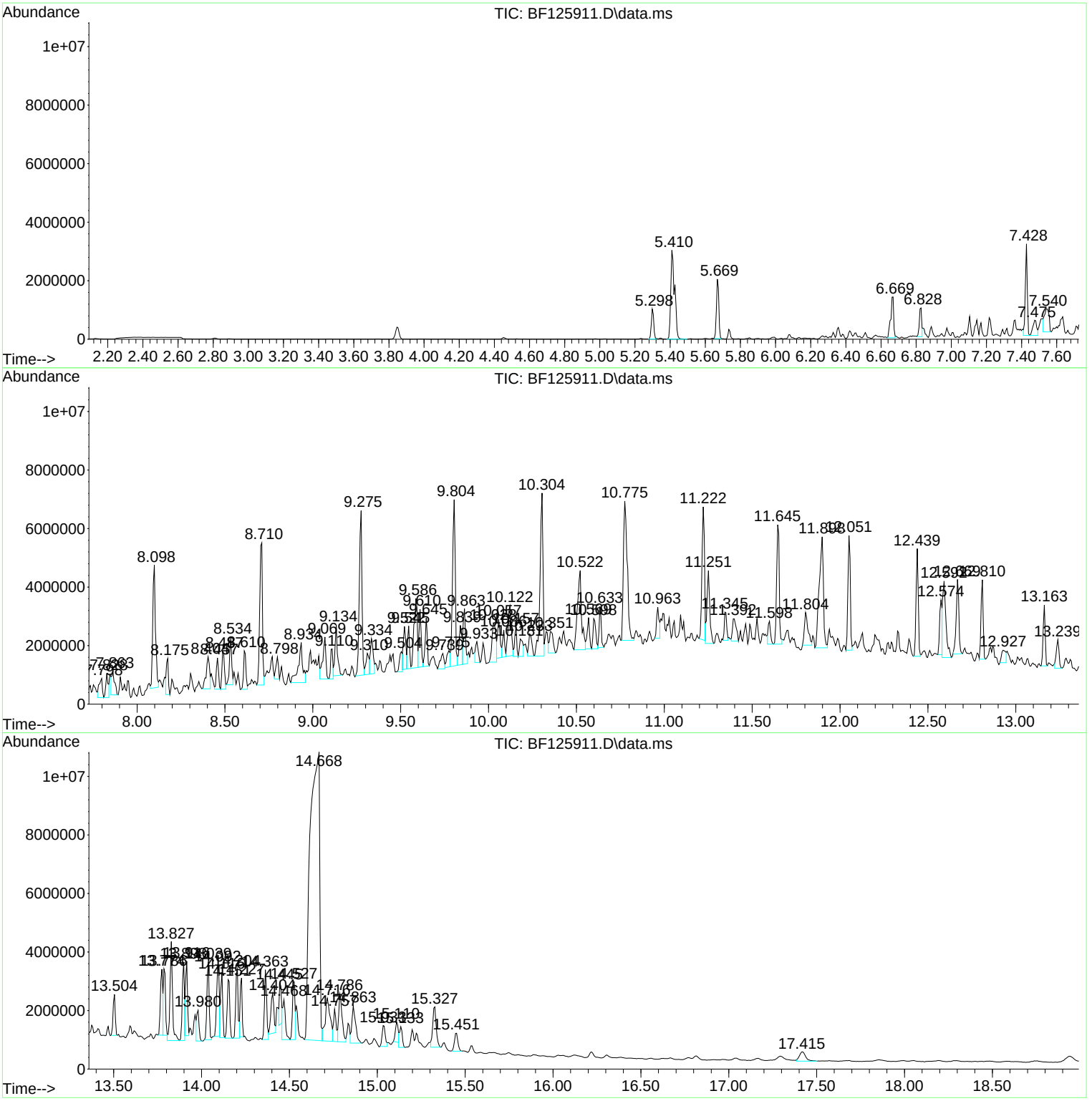
LSC Report - Integrated Chromatogram

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
Data File : BF125911.D
Acq On : 19 Oct 2021 21:06
Operator : JU/CG
Sample : M4253-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
131

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.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\BF101921\
Data File : BF125911.D
Acq On : 19 Oct 2021 21:06
Operator : JU/CG
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
131

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

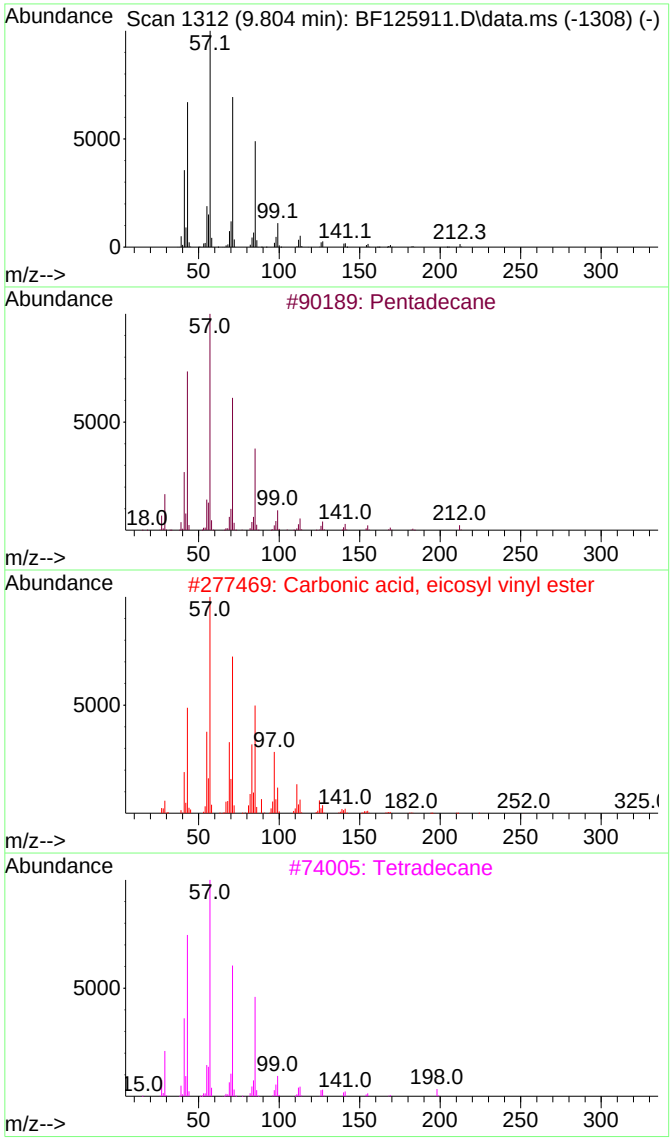
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

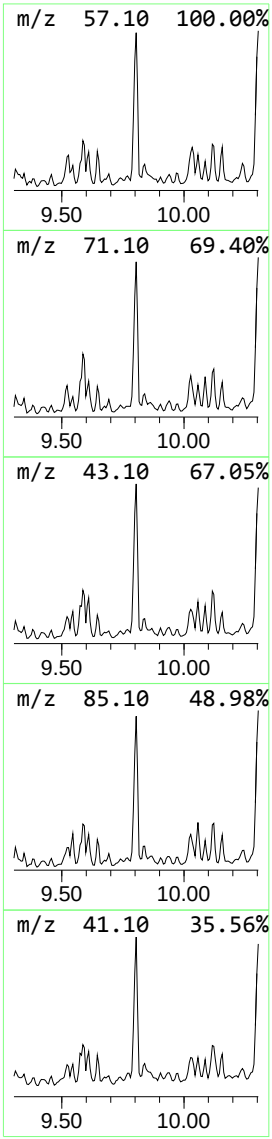
****

Peak Number 1 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.804	70.87 ng	6172200	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Nonadecane	268	C19H40	000629-92-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
Data File : BF125911.D
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Sample : M4253-01 10X
Misc :
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

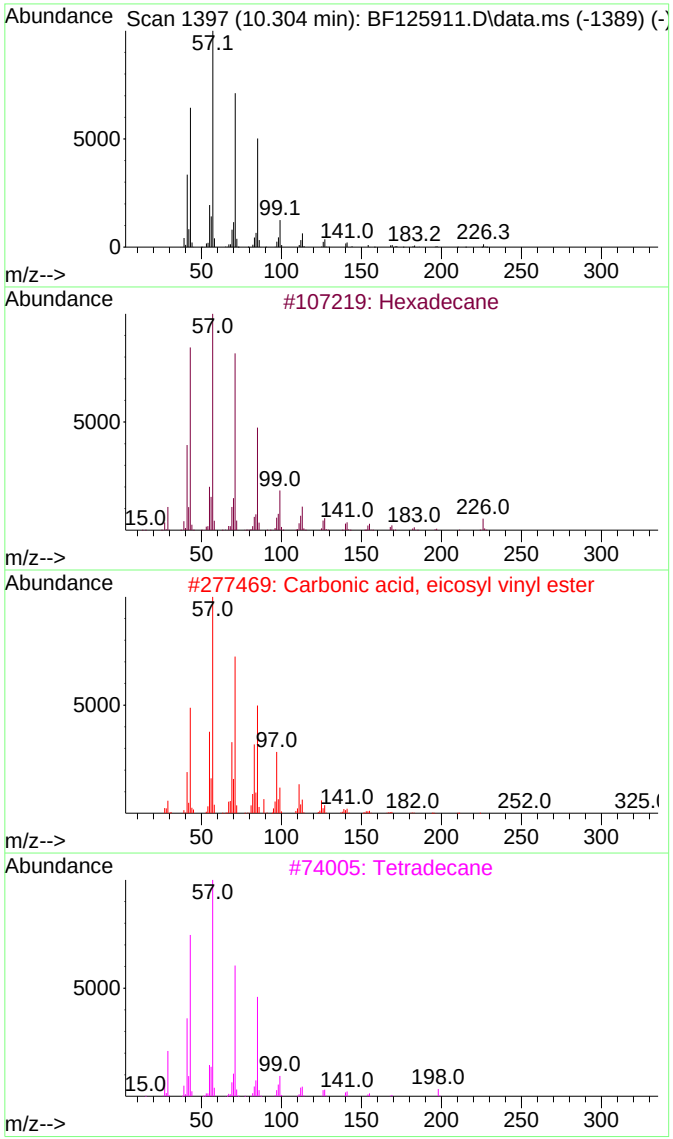
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

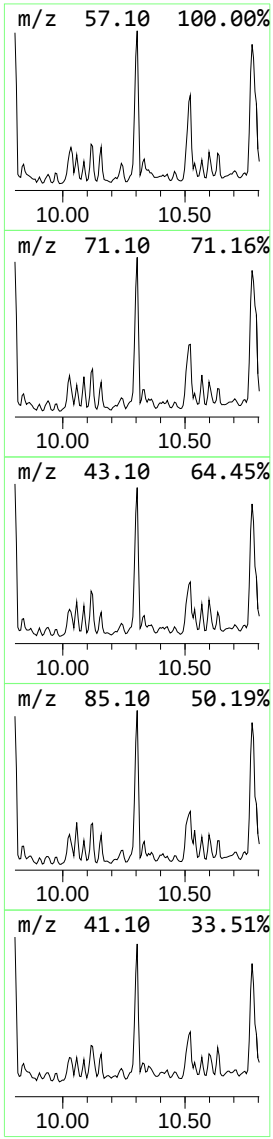
****

Peak Number 2 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.304	74.64 ng	6500680	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Tritetracontane	605	C43H88	007098-21-7	90
5	Heptadecane	240	C17H36	000629-78-7	87





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Sample : M4253-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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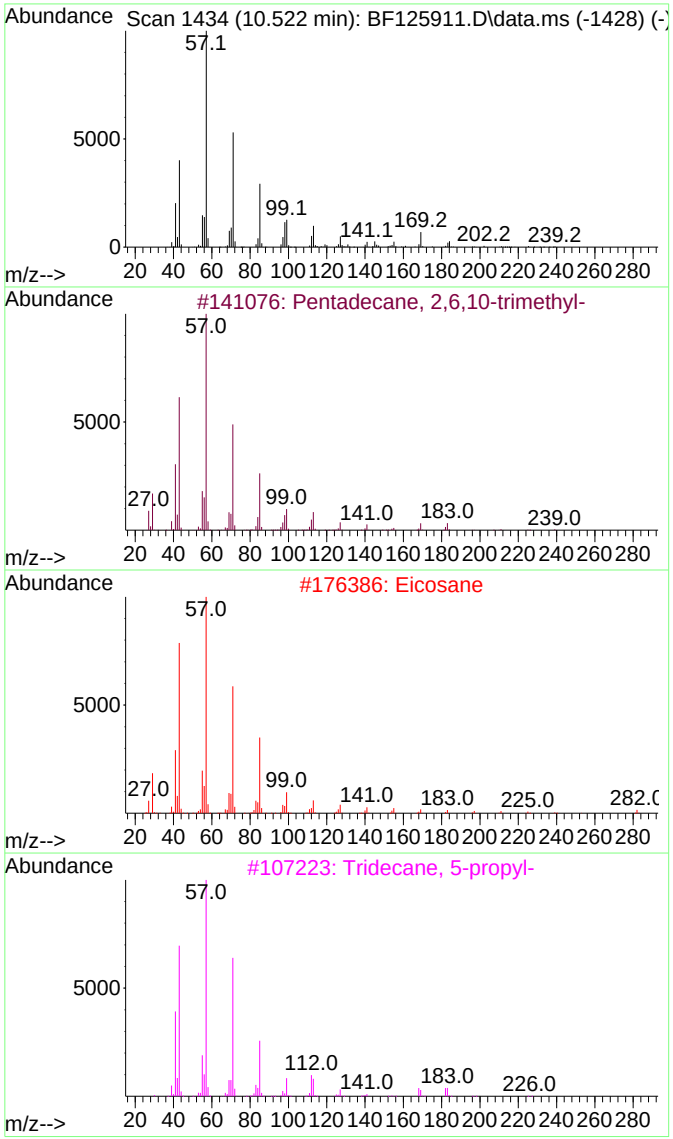
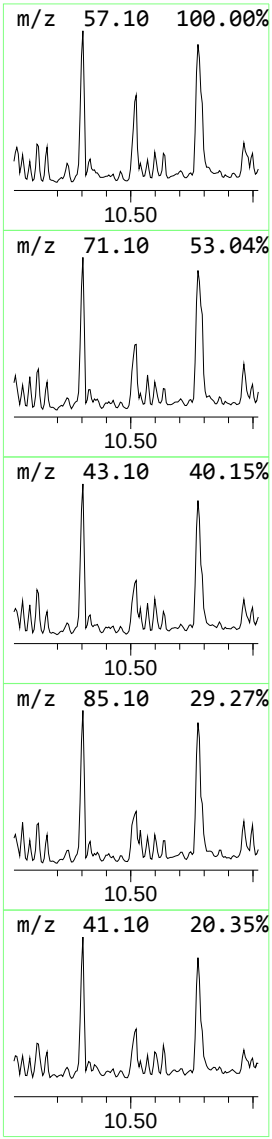
Peak Number 3 Pentadecane, 2,6,10-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.522	51.05 ng	4446330	Acenaphthene-d10	9.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2	Eicosane	282	C20H42	000112-95-8	83
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
4	Heptacosane	380	C27H56	000593-49-7	80
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	80





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Operator : JU/CG
Sample : M4253-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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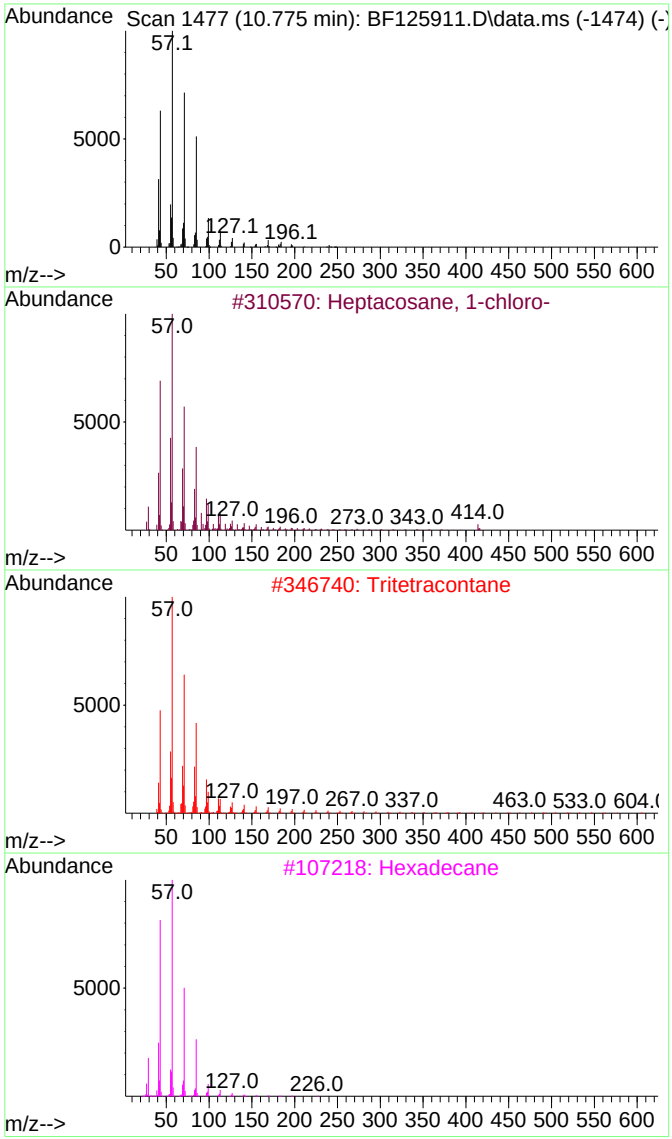
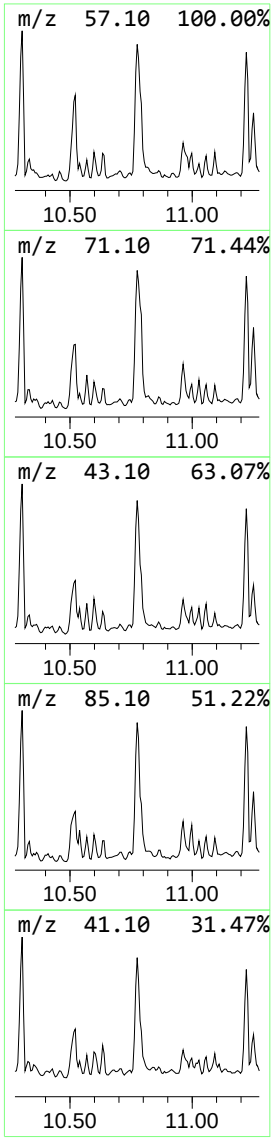
Peak Number 4 Heptacosane, 1-chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.775	160.38 ng	7317790	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
2	Tritetracontane	605	C43H88	007098-21-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetradecane	198	C14H30	000629-59-4	87
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
Data File : BF125911.D
Acq On : 19 Oct 2021 21:06
Operator : JU/CG
Sample : M4253-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 131

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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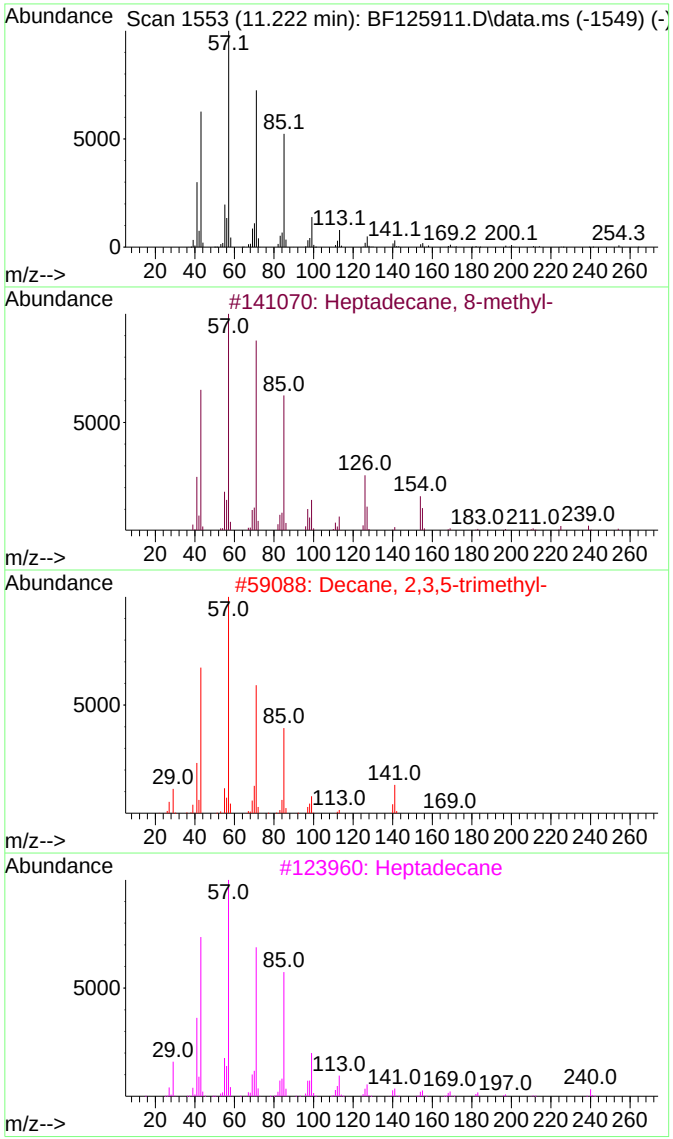
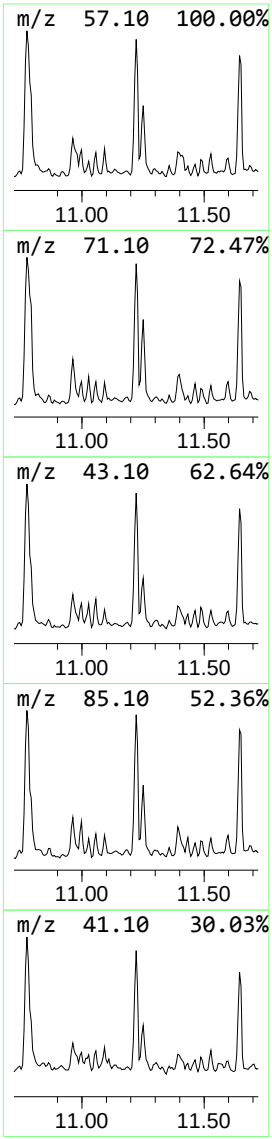
Peak Number 5 Heptadecane, 8-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.222	100.31 ng	4576910	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	94
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90





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Acq On : 19 Oct 2021 21:06
Operator : JU/CG
Sample : M4253-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 131

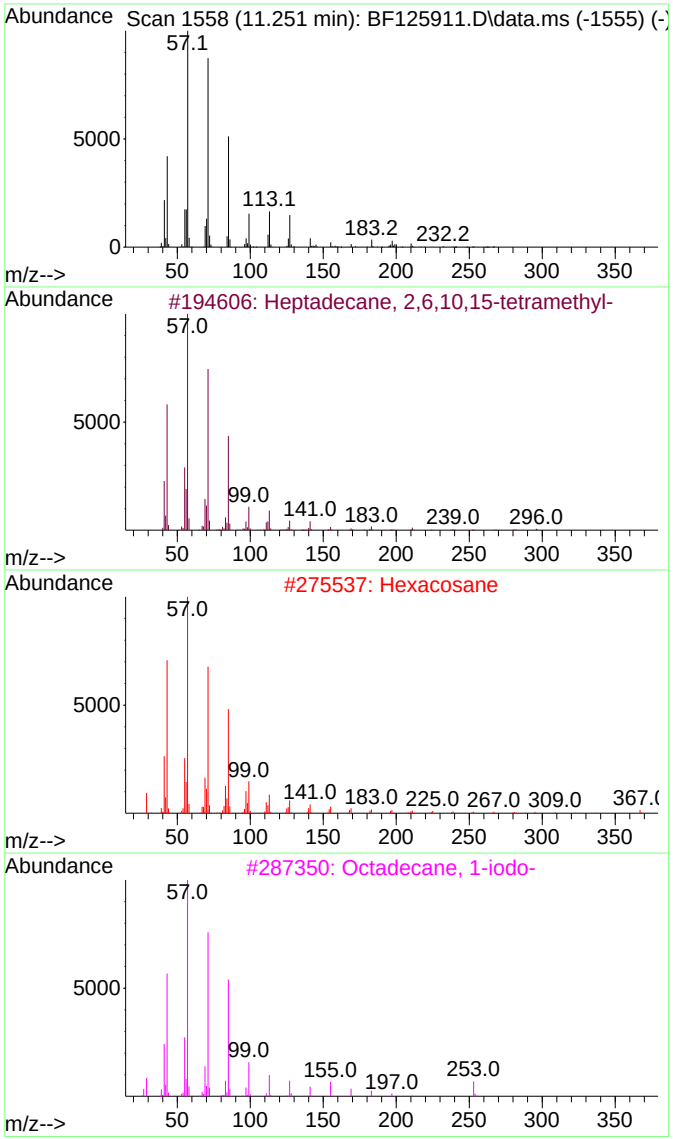
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

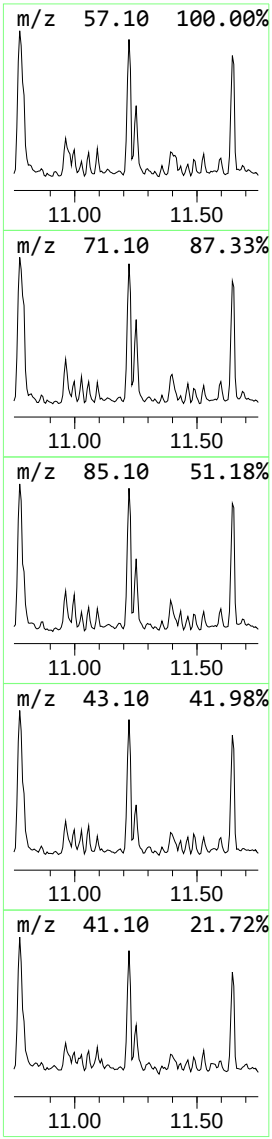
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Heptadecane, 2,6,10,15-tetr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.251	59.68 ng	2722840	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
4	Hexadecane	226	C16H34	000544-76-3	86
5	Octadecane	254	C18H38	000593-45-3	83





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Operator : JU/CG
Sample : M4253-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 131

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

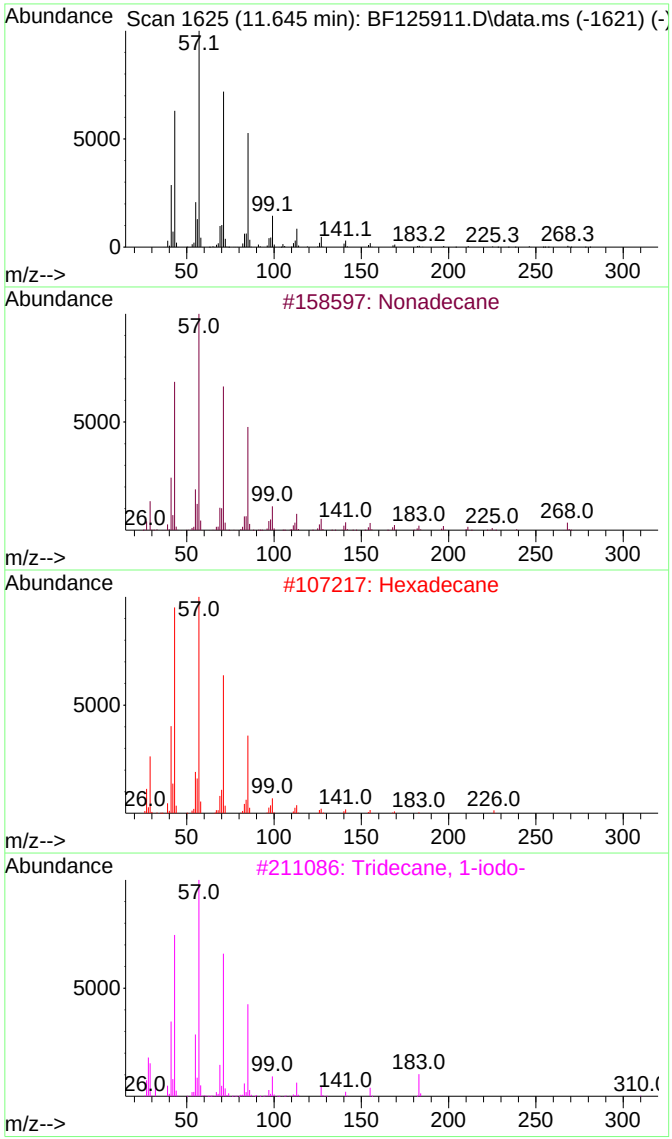
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

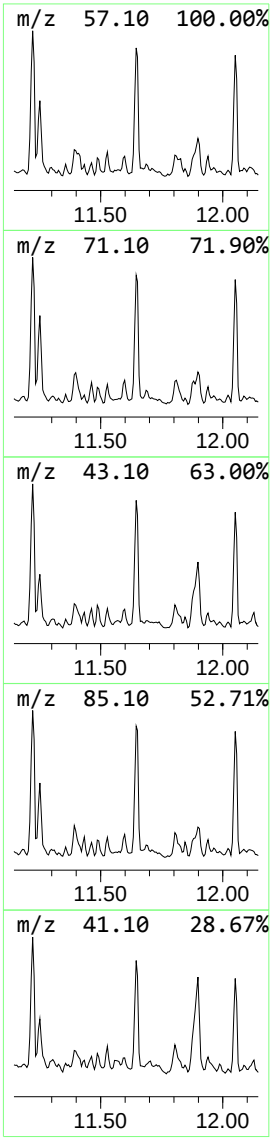
****

Peak Number 7 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.645	93.54 ng	4267820	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





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Sample : M4253-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

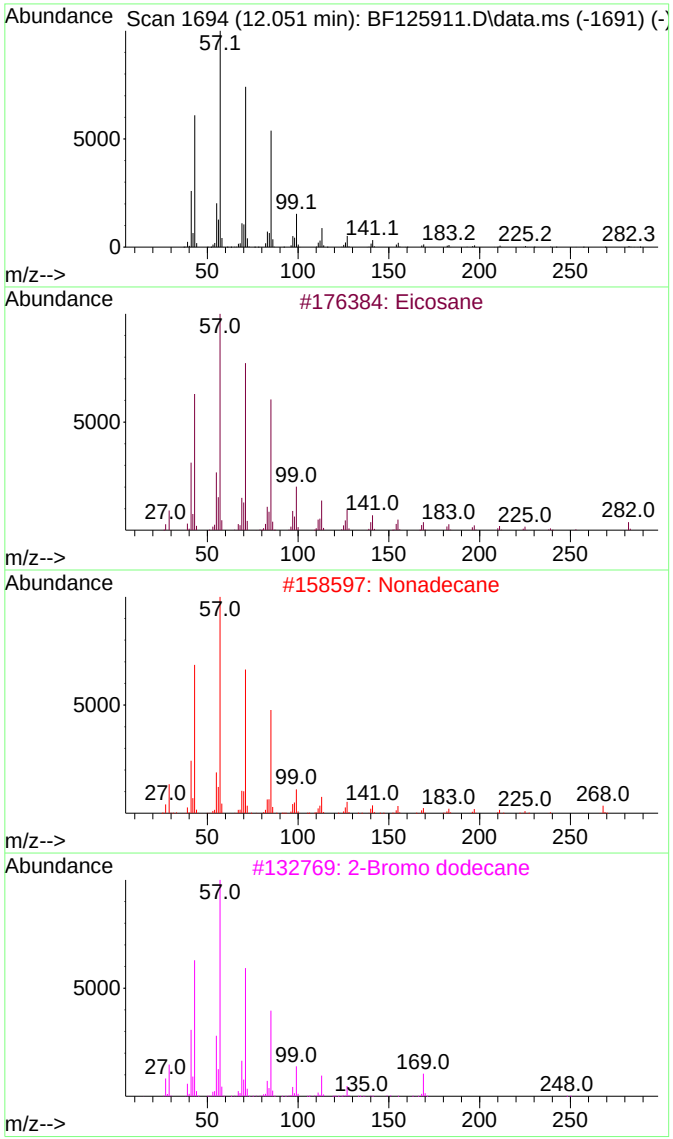
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

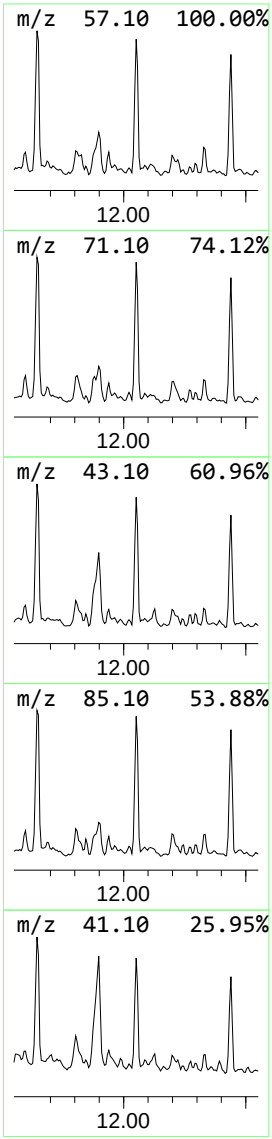
****

Peak Number 8 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.051	81.03 ng	3697120	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Nonadecane	268	C19H40	000629-92-5	91
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
5	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	90





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Operator : JU/CG
Sample : M4253-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
131

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

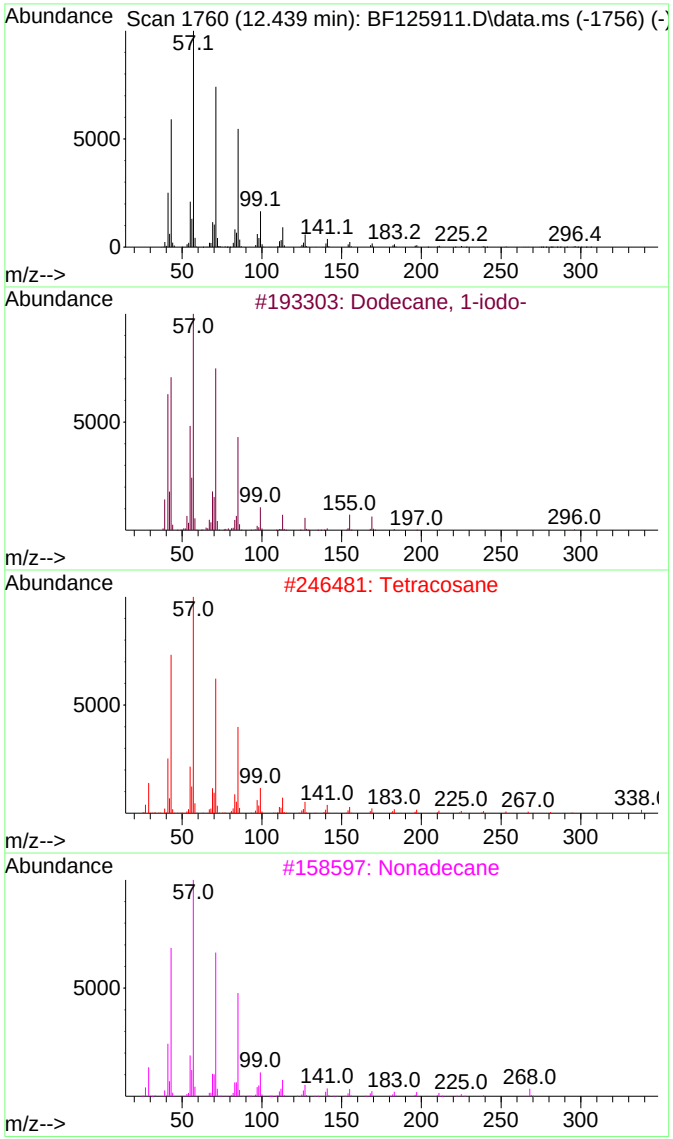
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

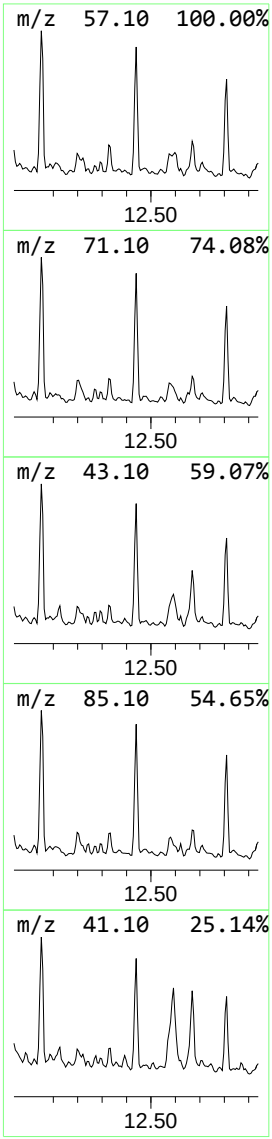
****

Peak Number 9 Dodecane, 1-iodo- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.439	69.75 ng	3182660	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90





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Sample : M4253-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

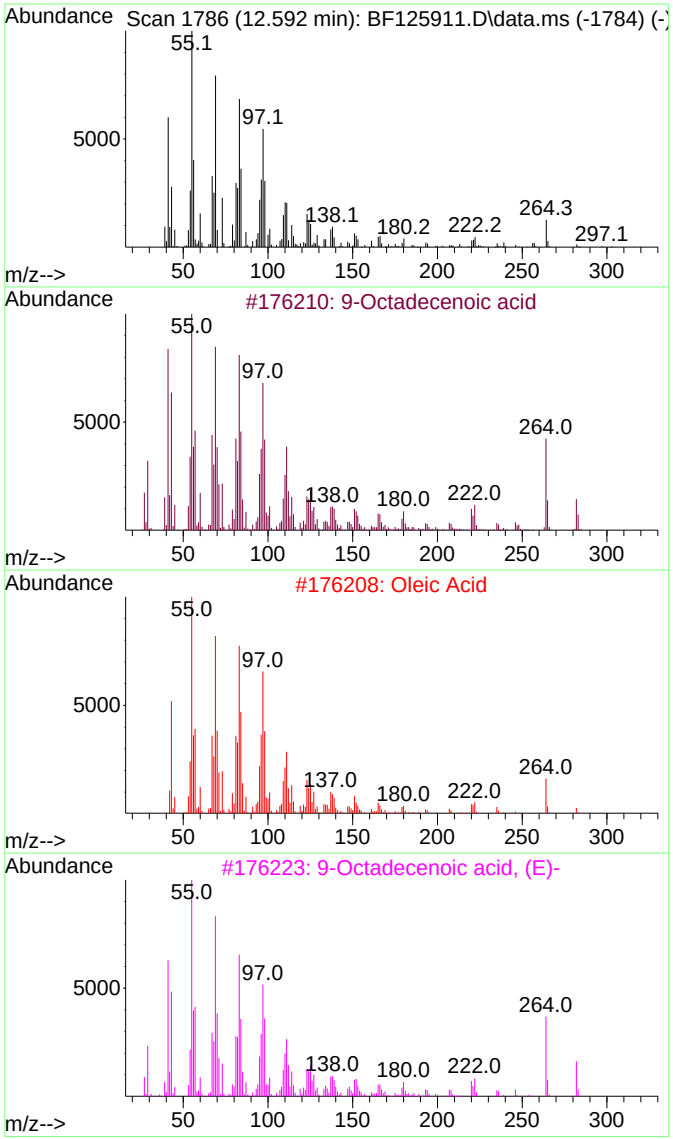
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

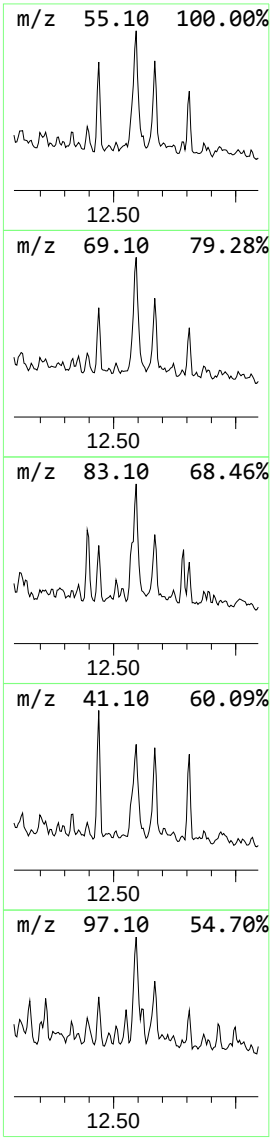
****

Peak Number 10 9-Octadecenoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.592	70.68 ng	3224960	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid	282	C18H34O2	002027-47-6	91
2	Oleic Acid	282	C18H34O2	000112-80-1	90
3	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	90
4	14-Pentadecenoic acid	240	C15H28O2	017351-34-7	83
5	6-Octadecenoic acid	282	C18H34O2	1000336-66-8	78





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Sample : M4253-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 131

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

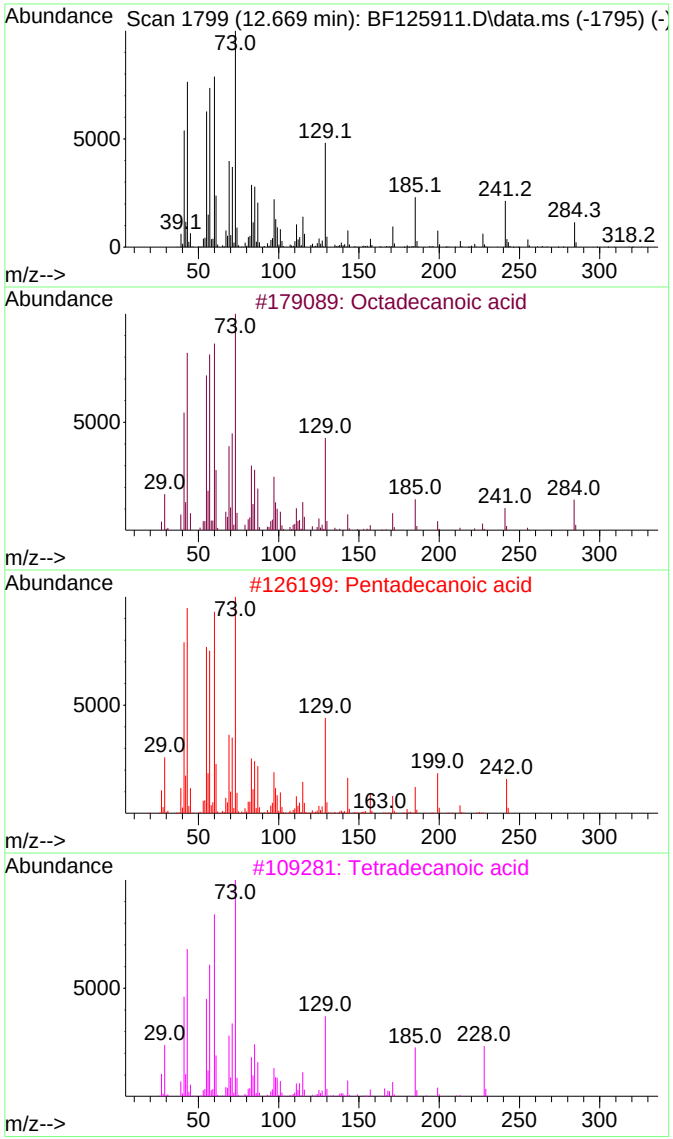
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

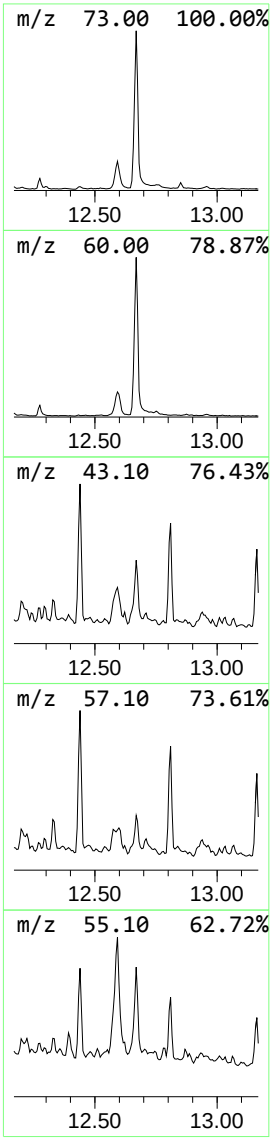
****

Peak Number 11 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.669	58.34 ng	2653400	Chrysene-d12	13.980

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	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





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Sample : M4253-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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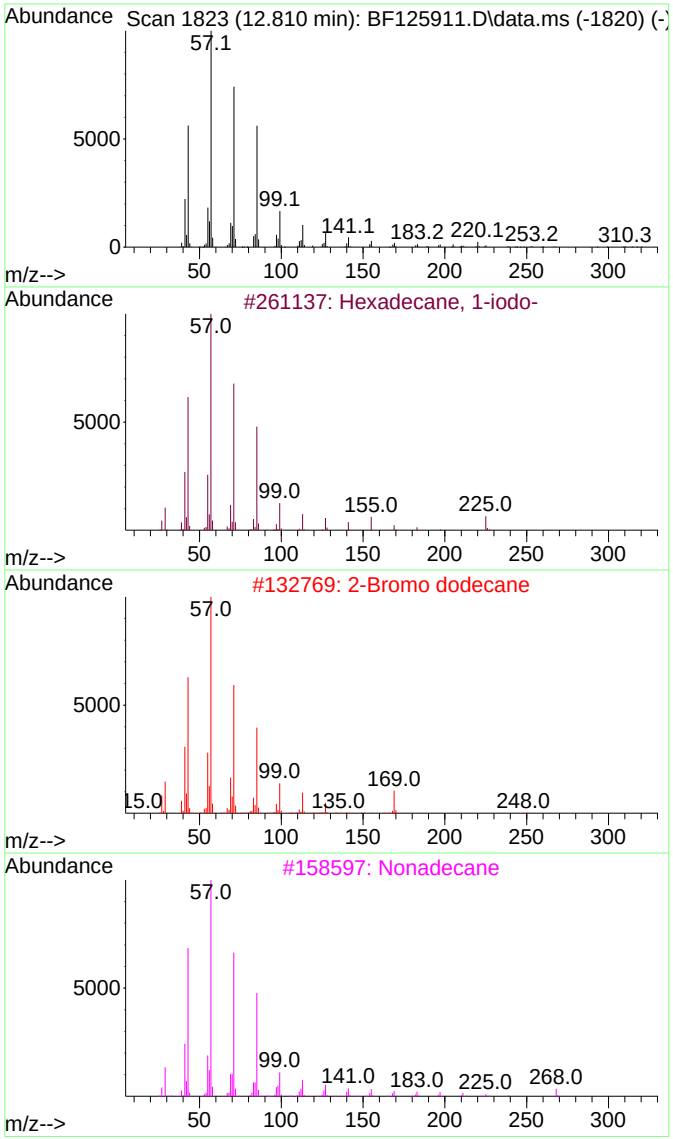
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

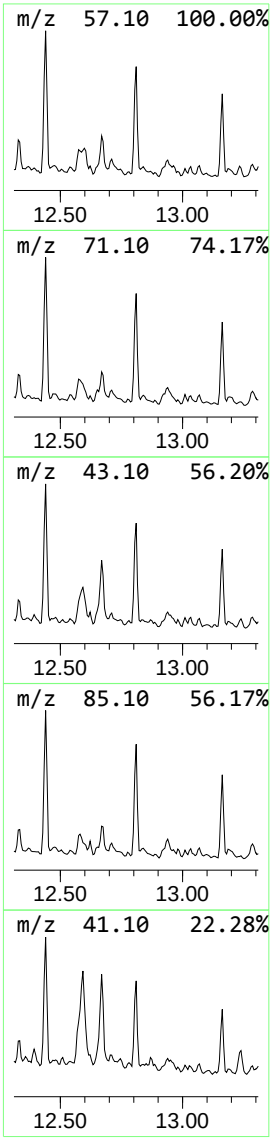
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Hexadecane, 1-iodo- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.810	50.37 ng	2290900	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87





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Operator : JU/CG
Sample : M4253-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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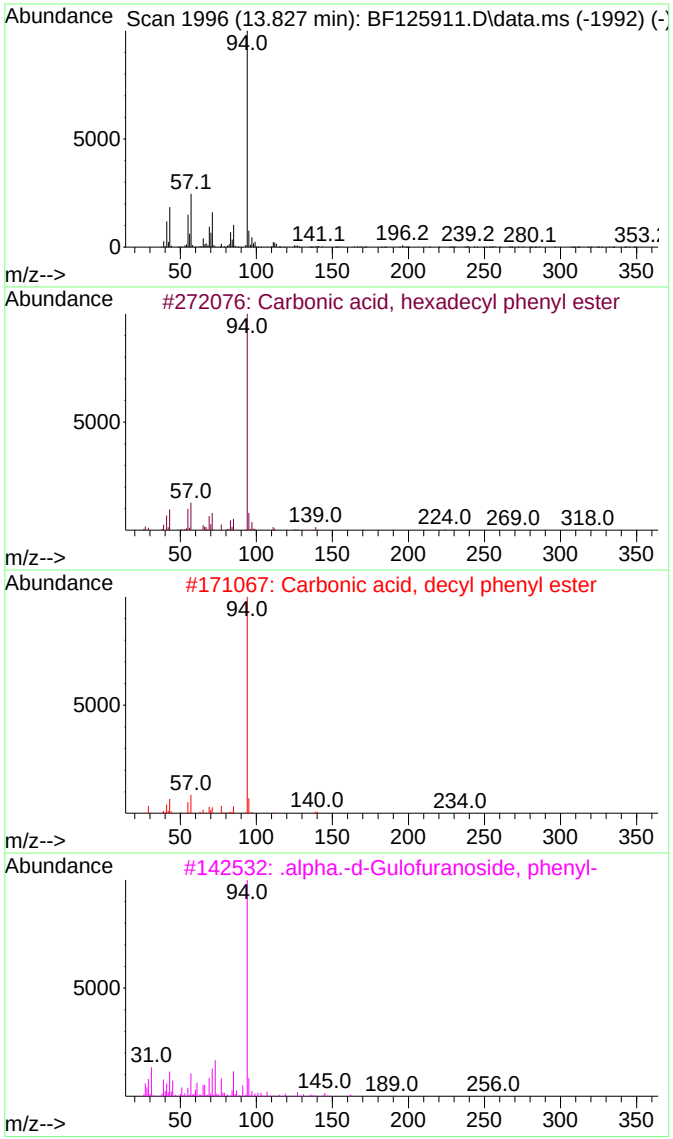
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

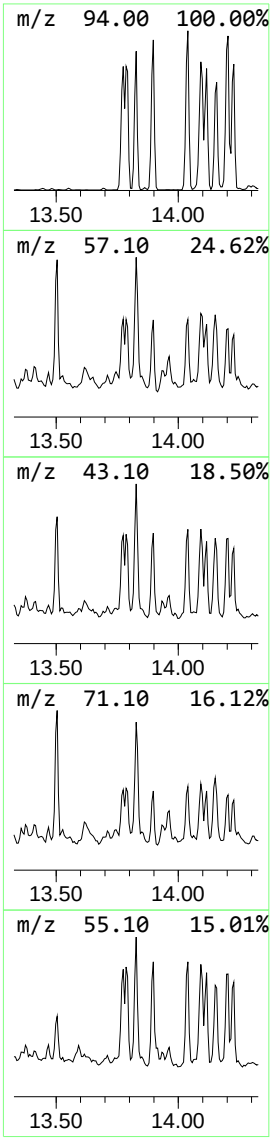
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Carbonic acid, hexadecyl ph... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.827	72.65 ng	3304460	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, hexadecyl phenyl ...	362	C23H38O3	1000314-58-0	78
2	Carbonic acid, decyl phenyl ester	278	C17H26O3	1000314-57-4	72
3	.alpha.-d-Gulofuranoside, phenyl-	256	C12H16O6	1000150-07-4	64
4	Phenyl-.beta.-D-glucoside	256	C12H16O6	001464-44-4	59
5	Carbonic acid, phenyl tridecyl e...	320	C20H32O3	1010314-57-7	50





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Sample : M4253-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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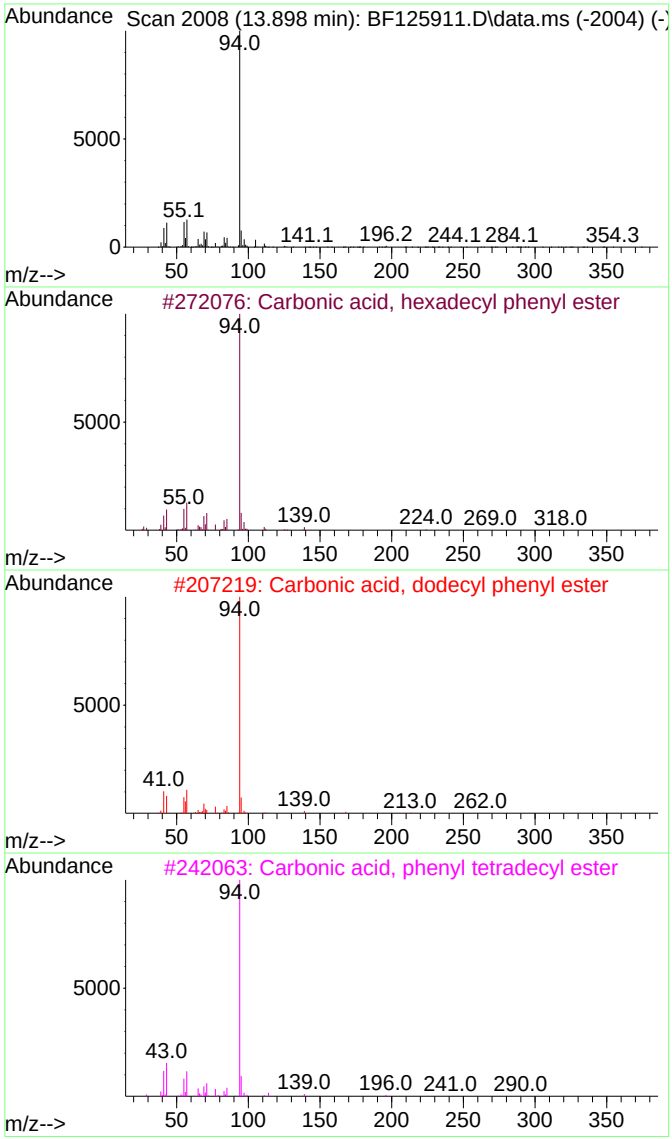
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

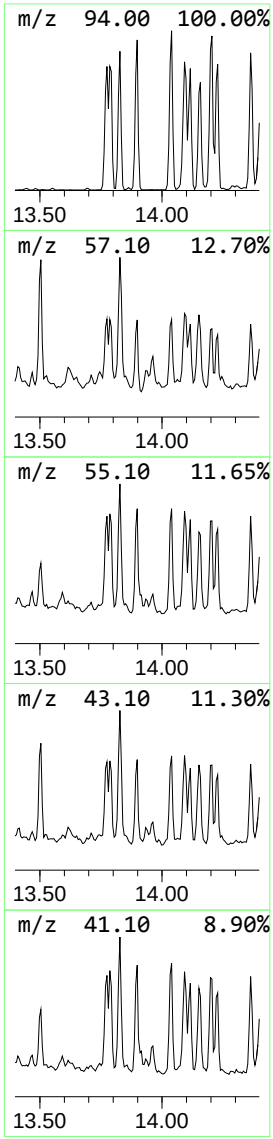
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Carbonic acid, dodecyl phen... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	52.75 ng	2399420	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, hexadecyl phenyl ...	362	C23H38O3	1000314-58-0	90
2	Carbonic acid, dodecyl phenyl ester	306	C19H30O3	1000314-57-6	78
3	Carbonic acid, phenyl tetradecyl...	334	C21H34O3	1000314-57-8	72
4	Carbonic acid, heptyl phenyl ester	236	C14H20O3	1000314-57-1	64
5	Carbonic acid, decyl phenyl ester	278	C17H26O3	1000314-57-4	64





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Sample : M4253-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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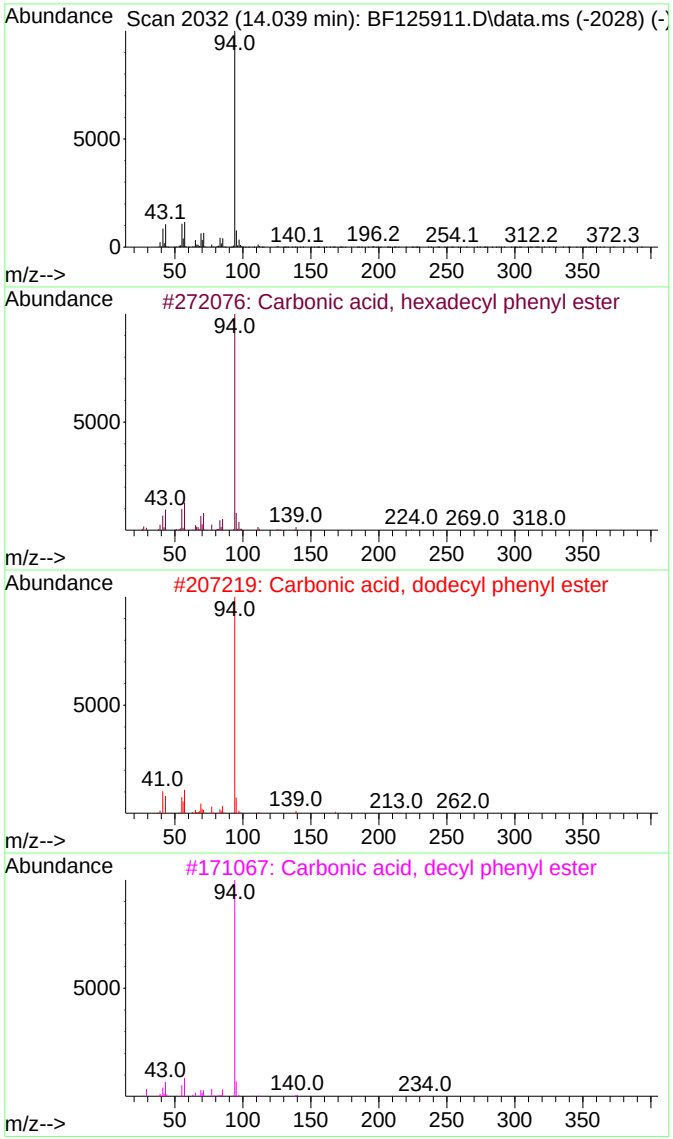
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

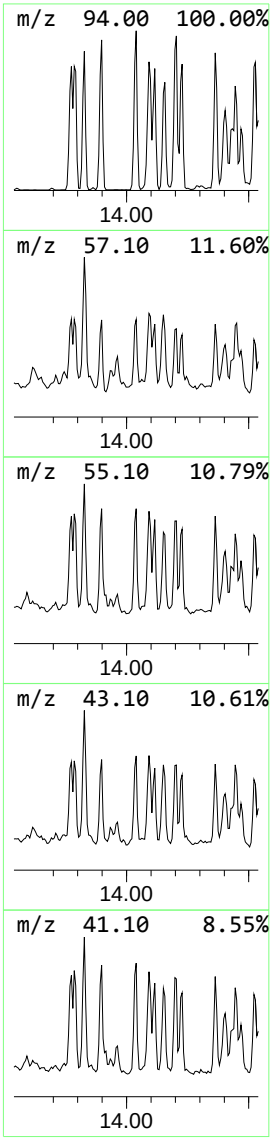
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Carbonic acid, decyl phenyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.039	52.57 ng	2390980	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, hexadecyl phenyl ...	362	C23H38O3	1000314-58-0	90
2	Carbonic acid, dodecyl phenyl ester	306	C19H30O3	1000314-57-6	78
3	Carbonic acid, decyl phenyl ester	278	C17H26O3	1000314-57-4	72
4	Carbonic acid, nonyl phenyl ester	264	C16H24O3	1000314-57-3	72
5	Carbonic acid, phenyl tetradecyl...	334	C21H34O3	1000314-57-8	72





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Operator : JU/CG
Sample : M4253-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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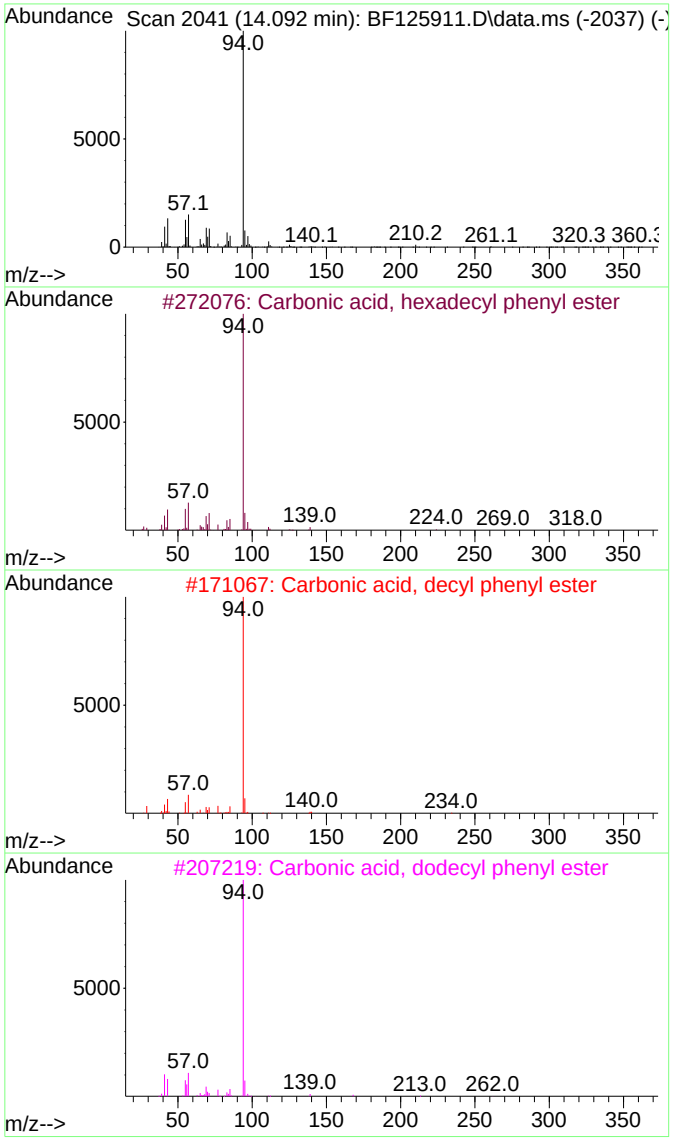
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

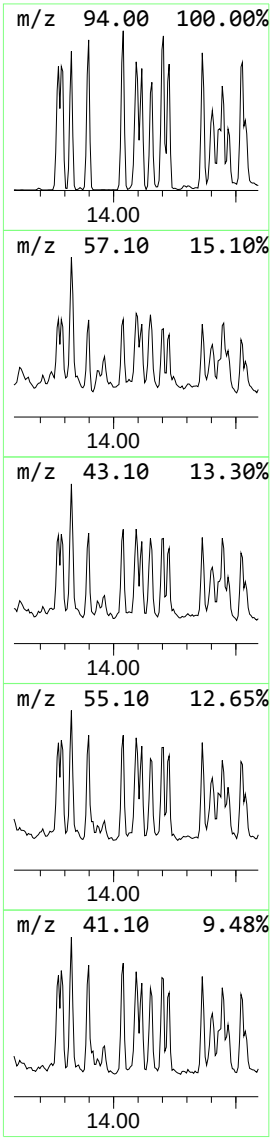
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Carbonic acid, phenyl tetra... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.092	58.64 ng	2666930	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, hexadecyl phenyl ...	362	C23H38O3	1000314-58-0	86
2	Carbonic acid, decyl phenyl ester	278	C17H26O3	1000314-57-4	72
3	Carbonic acid, dodecyl phenyl ester	306	C19H30O3	1000314-57-6	72
4	Carbonic acid, phenyl tetradecyl...	334	C21H34O3	1000314-57-8	72
5	Benzene, (octyloxy)-	206	C14H22O	001818-07-1	64





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Acq On : 19 Oct 2021 21:06
Operator : JU/CG
Sample : M4253-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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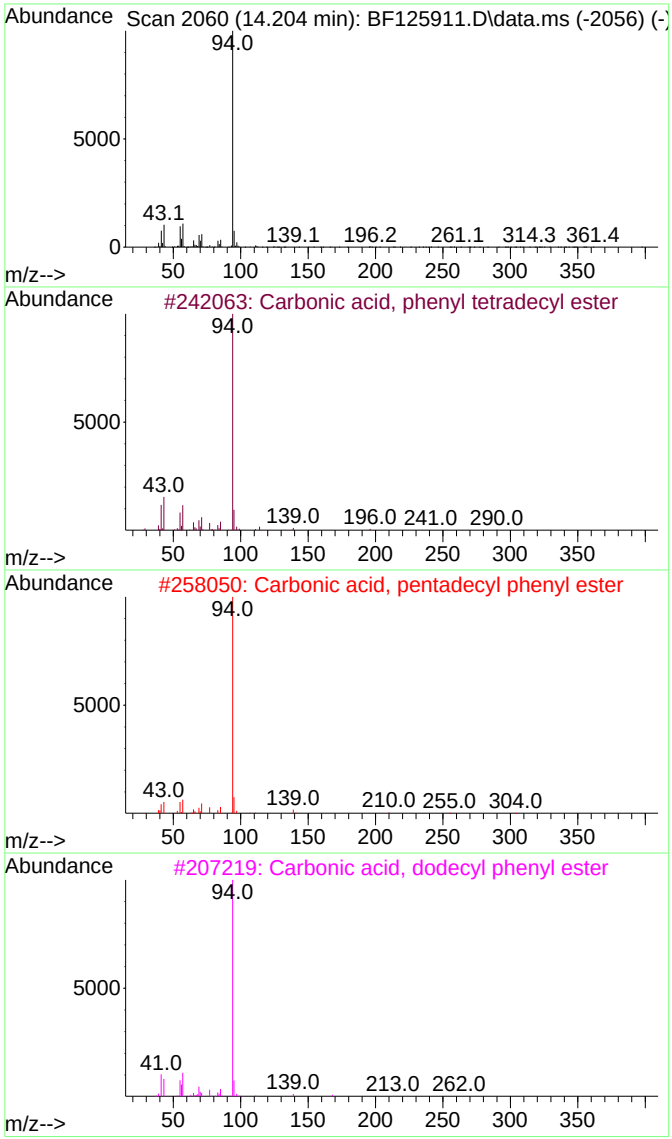
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

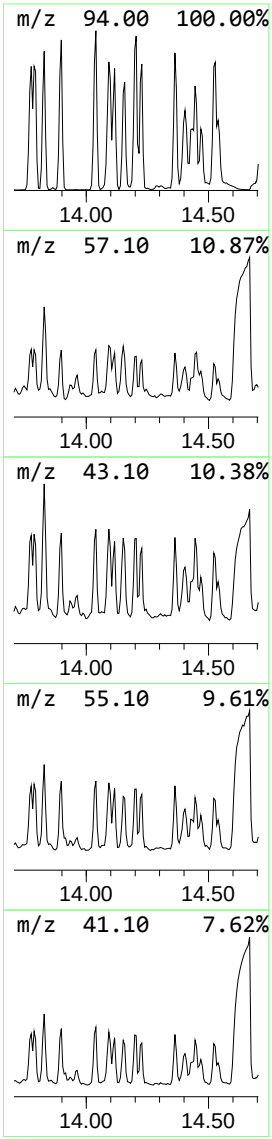
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Carbonic acid, pentadecyl p... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.204	51.97 ng	2363650	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, phenyl tetradecyl...	334	C21H34O3	1000314-57-8	83
2	Carbonic acid, pentadecyl phenyl...	348	C22H36O3	1000314-57-9	83
3	Carbonic acid, dodecyl phenyl ester	306	C19H30O3	1000314-57-6	78
4	Carbonic acid, decyl phenyl ester	278	C17H26O3	1000314-57-4	78
5	Octane, 4-phenoxy-	206	C14H22O	1010450-70-3	64





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Data File : BF125911.D
Acq On : 19 Oct 2021 21:06
Operator : JU/CG
Sample : M4253-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 131

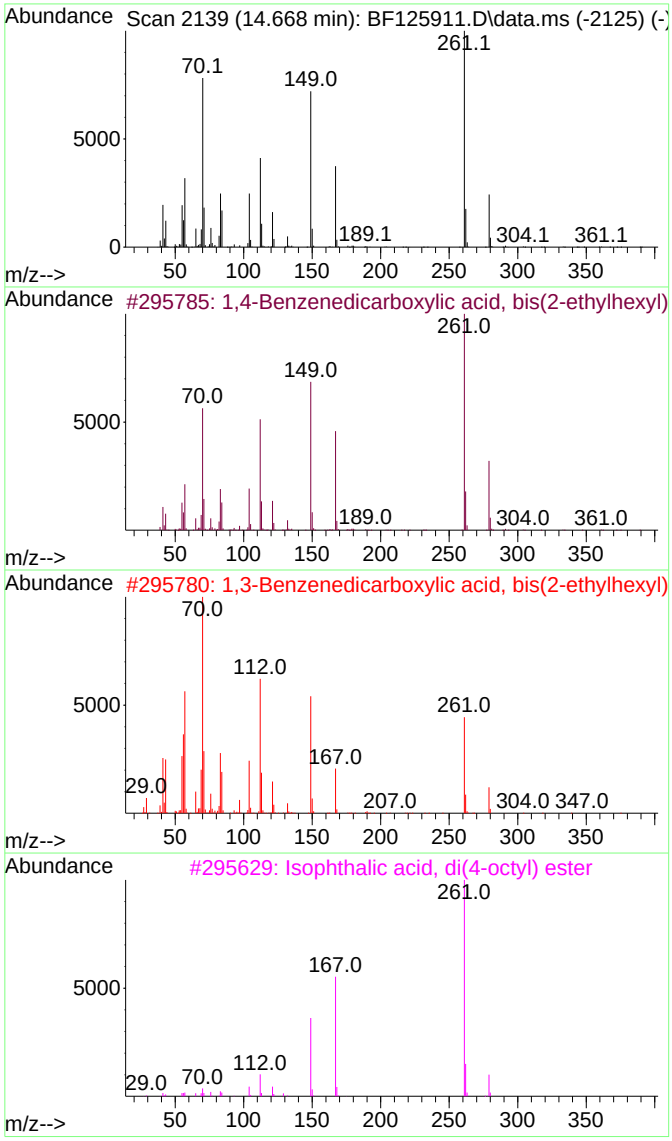
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

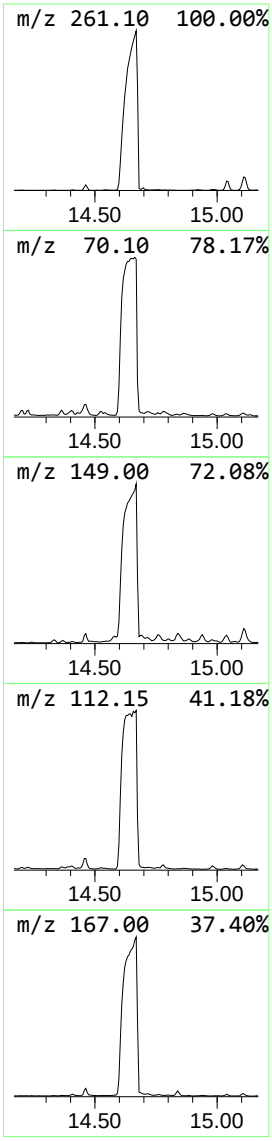
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1,4-Benzenedicarboxylic aci... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.669	797.22 ng	36259400	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	91
2	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	72
3	Isophthalic acid, di(4-octyl) ester	390	C24H38O4	1000344-04-3	72
4	Terephthalic acid, 2-ethylhexyl ...	390	C24H38O4	1000324-00-5	59
5	Terephthalic acid, 4-octyl octyl...	390	C24H38O4	1000323-73-7	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
Data File : BF125911.D
Acq On : 19 Oct 2021 21:06
Operator : JU/CG
Sample : M4253-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
131

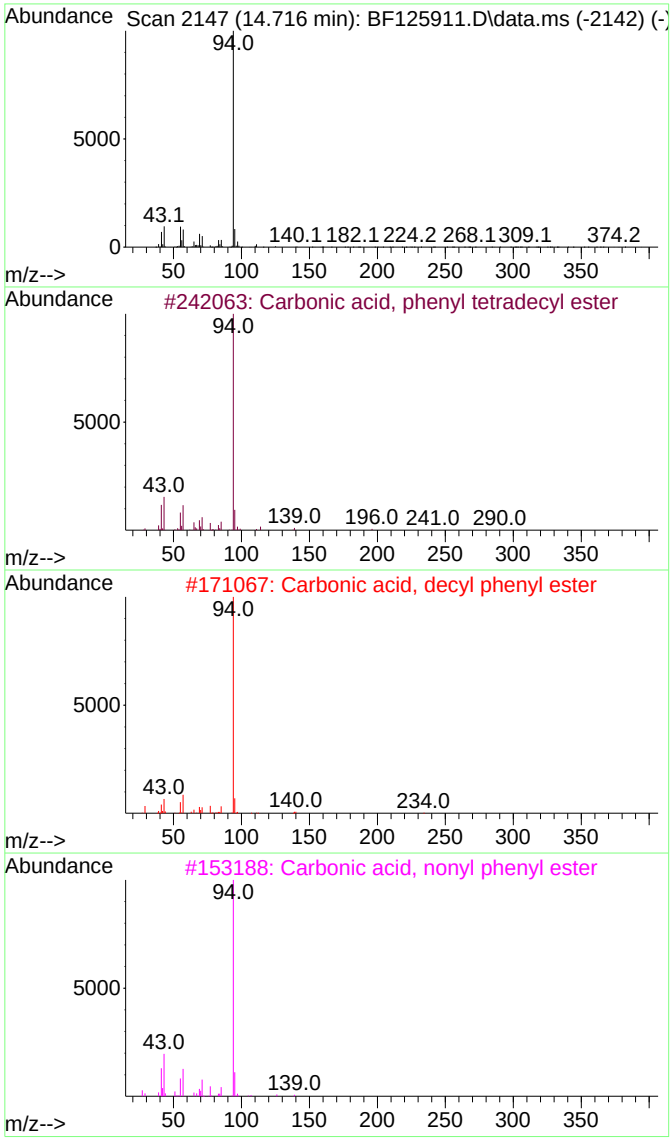
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

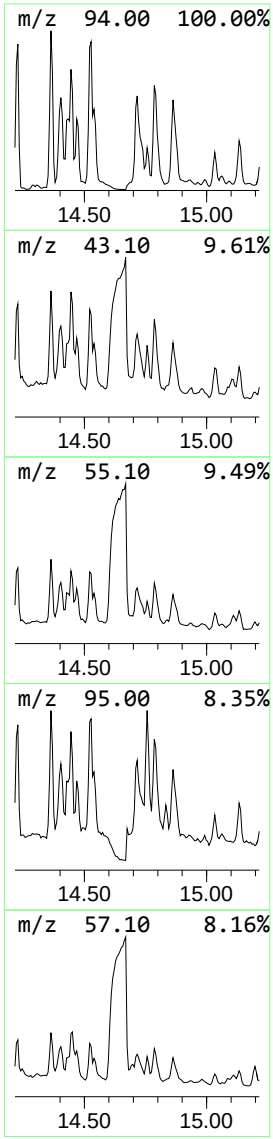
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Carbonic acid, nonyl phenyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.716	71.34 ng	2925870	Perylene-d12	15.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, phenyl tetradecyl...	334	C21H34O3	1000314-57-8	78
2	Carbonic acid, decyl phenyl ester	278	C17H26O3	1000314-57-4	78
3	Carbonic acid, nonyl phenyl ester	264	C16H24O3	1000314-57-3	64
4	Carbonic acid, pentadecyl phenyl...	348	C22H36O3	1000314-57-9	64
5	Carbonic acid, dodecyl phenyl ester	306	C19H30O3	1000314-57-6	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
Data File : BF125911.D
Acq On : 19 Oct 2021 21:06
Operator : JU/CG
Sample : M4253-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 131

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

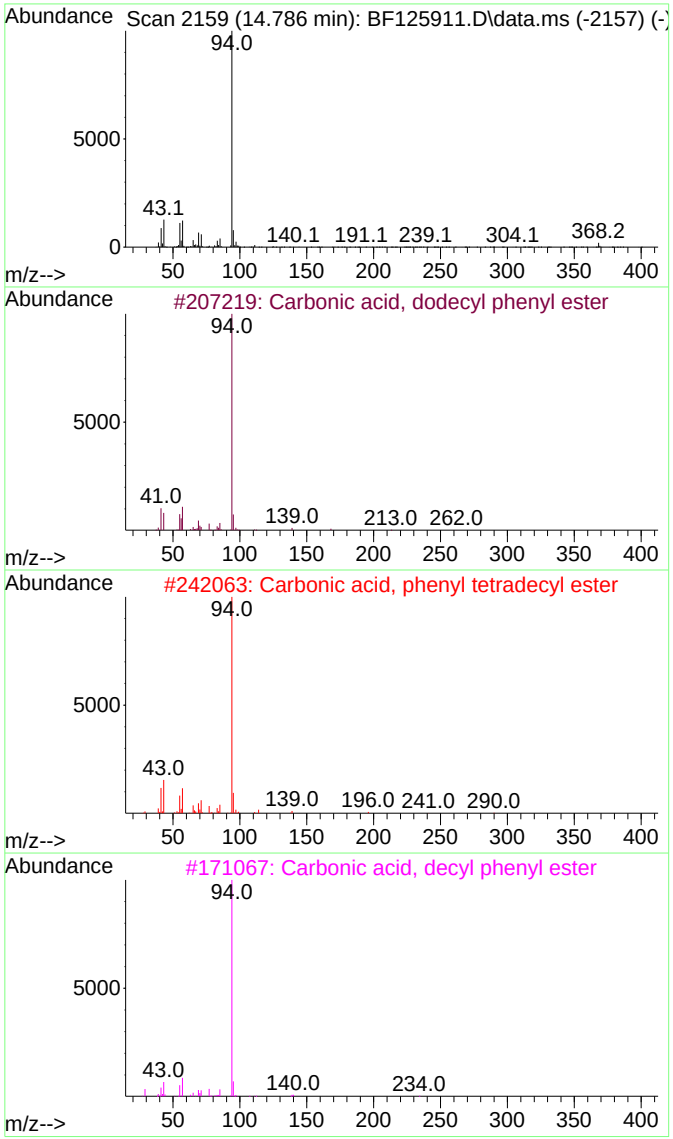
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

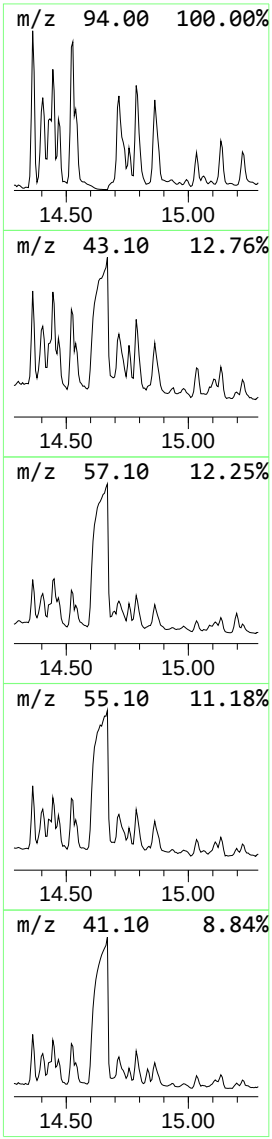
****

Peak Number 20 Benzene, (octyloxy)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.786	52.36 ng	2147390	Perylene-d12	15.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, dodecyl phenyl ester	306	C19H30O3	1000314-57-6	78
2	Carbonic acid, phenyl tetradecyl...	334	C21H34O3	1000314-57-8	78
3	Carbonic acid, decyl phenyl ester	278	C17H26O3	1000314-57-4	78
4	Benzene, (octyloxy)-	206	C14H22O	001818-07-1	72
5	Carbonic acid, nonyl phenyl ester	264	C16H24O3	1000314-57-3	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
Data File : BF125911.D
Acq On : 19 Oct 2021 21:06
Operator : JU/CG
Sample : M4253-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 131

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.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
Pentadecane	9.804	70.9	ng	6172200	3	9.863	1741780	20.0
Hexadecane	10.304	74.6	ng	6500680	3	9.863	1741780	20.0
Pentadecane, 2,...	10.522	51.0	ng	4446330	3	9.863	1741780	20.0
Heptacosane, 1-...	10.775	160.4	ng	7317790	4	11.345	912539	20.0
Heptadecane, 8-...	11.222	100.3	ng	4576910	4	11.345	912539	20.0
Heptadecane, 2,...	11.251	59.7	ng	2722840	4	11.345	912539	20.0
Nonadecane	11.645	93.5	ng	4267820	4	11.345	912539	20.0
Eicosane	12.051	81.0	ng	3697120	4	11.345	912539	20.0
Dodecane, 1-iodo-	12.439	69.8	ng	3182660	4	11.345	912539	20.0
9-Octadecenoic ...	12.592	70.7	ng	3224960	4	11.345	912539	20.0
Octadecanoic acid	12.669	58.3	ng	2653400	5	13.980	909649	20.0
Hexadecane, 1-i...	12.810	50.4	ng	2290900	5	13.980	909649	20.0
Carbonic acid, ...	13.827	72.7	ng	3304460	5	13.980	909649	20.0
Carbonic acid, ...	13.898	52.8	ng	2399420	5	13.980	909649	20.0
Carbonic acid, ...	14.039	52.6	ng	2390980	5	13.980	909649	20.0
Carbonic acid, ...	14.092	58.6	ng	2666930	5	13.980	909649	20.0
Carbonic acid, ...	14.204	52.0	ng	2363650	5	13.980	909649	20.0
1,4-Benzenedica...	14.669	797.2	ng	36259400	5	13.980	909649	20.0
Carbonic acid, ...	14.716	71.3	ng	2925870	6	15.445	820239	20.0
Benzene, (octyl...	14.786	52.4	ng	2147390	6	15.445	820239	20.0