LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061029.D
Acq On : 24 Apr 2024 18:56
Operator : MA/JU
Sample : P2247-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-04232024

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_G\Methods\8270-BG042024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG061029.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.532	427	433	441	rBV	71313	120371	9.39%	1.028%
2	7.113	695	702	710	rBV	80042	136830	10.68%	1.169%
3	7.577	774	781	786	rBV2	13510	21470	1.68%	0.183%
4	7.947	835	844	850	rVB	116649	194274	15.16%	1.659%
5	8.717	968	975	979	rBV3	9321	16076	1.25%	0.137%
6	9.058	1023	1033	1034	rBV6	8955	19903	1.55%	0.170%
7	9.093	1034	1039	1045	rVV2	53168	95888	7.48%	0.819%
8	9.175	1045	1053	1058	rVB2	45811	74615	5.82%	0.637%
9	9.304	1071	1075	1081	rVB5	9571	17118	1.34%	0.146%
10	9.669	1132	1137	1143	rVB5	11632	21290	1.66%	0.182%
11	9.880	1168	1173	1176	rVB6	8276	14668	1.14%	0.125%
12	9.927	1176	1181	1189	rVB8	10613	21040	1.64%	0.180%
13	10.009	1189	1195	1196	rBV3	8222	13594	1.06%	0.116%
14	10.021	1196	1197	1204	rVB4	12504	15631	1.22%	0.133%
15	10.092	1204	1209	1214	rBV2	15196	24531	1.91%	0.210%
16	10.174	1219	1223	1227	rBV2	10428	14685	1.15%	0.125%
17	10.280	1236	1241	1245	rBV4	10574	15600	1.22%	0.133%
18	10.444	1264	1269	1273	rBV5	6603	13140	1.03%	0.112%
19	10.521	1278	1282	1290	rVB6	7181	16257	1.27%	0.139%
20	10.732	1309	1318	1326	rBV2	164110	384701	30.02%	3.286%
21	10.908	1344	1348	1353	rVB	29258	44608	3.48%	0.381%
22	10.967	1353	1358	1362	rBV5	9973	18224	1.42%	0.156%
23	11.155	1384	1390	1396	rBV9	8626	19858	1.55%	0.170%
24	11.449	1436	1440	1443	rBV6	9416	15638	1.22%	0.134%
25	11.513	1448	1451	1456	rVB5	12716	20027	1.56%	0.171%
26	11.584	1456	1463	1469	rBV5	21961	36611	2.86%	0.313%
27	11.660	1469	1476	1483	rBV5	23594	50241	3.92%	0.429%
28	11.772	1489	1495	1500	rBV2	37665	72728	5.68%	0.621%
29	11.848	1505	1508	1513	rVB5	7840	13044	1.02%	0.111%
30	11.937	1517	1523	1531	rVB8	18279	34717	2.71%	0.296%
31	12.166	1556	1562	1568	rBV	106436	170710	13.32%	1.458%
32	12.653	1640	1645	1649	rVB5	29242	47394	3.70%	0.405%
33	12.800	1661	1670	1673	rBV8	19786	42045	3.28%	0.359%
34	12.841	1673	1677	1679	rBV4	12372	18270	1.43%	0.156%
35	12.906	1684	1688	1695	rVV6	21640	42676	3.33%	0.364%
36	12.976	1695	1700	1706	rVV3	18980	35690	2.79%	0.305%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061029.D
Acq On : 24 Apr 2024 18:56
Operator : MA/JU
Sample : P2247-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-04232024

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_G\Methods\8270-BG042024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.065	1710	1715	1720	rBV4	24784	40966	3.20%	0.350%
38	13.123	1720	1725	1729	rVB2	48306	70496	5.50%	0.602%
39	13.194	1731	1737	1743	rVB	126349	194711	15.19%	1.663%
40	13.288	1749	1753	1758	rVB8	11657	20161	1.57%	0.172%
41	13.405	1767	1773	1780	rBV	128232	201620	15.73%	1.722%
42	13.517	1786	1792	1797	rVV4	23751	54261	4.23%	0.463%
43	13.570	1797	1801	1806	rVB3	20465	30751	2.40%	0.263%
44	13.734	1822	1829	1833	rBV9	17431	40974	3.20%	0.350%
45	13.852	1846	1849	1855	rBV8	13659	32696	2.55%	0.279%
46	13.940	1860	1864	1868	rVV6	20812	33711	2.63%	0.288%
47	14.040	1877	1881	1882	rBV3	25189	31755	2.48%	0.271%
48	14.063	1882	1885	1888	rVV2	48459	68148	5.32%	0.582%
49	14.105	1889	1892	1897	rVB3	24837	35935	2.80%	0.307%
50	14.234	1910	1914	1918	rVB7	11890	18128	1.41%	0.155%
51	14.422	1943	1946	1951	rVB5	14871	22750	1.78%	0.194%
52	14.481	1951	1956	1961	rBV	153686	204246	15.94%	1.744%
53	14.575	1965	1972	1978	rVB	218664	365578	28.53%	3.122%
54	14.921	2024	2031	2033	rBV6	25410	45919	3.58%	0.392%
55	14.980	2038	2041	2047	rVV5	26462	49385	3.85%	0.422%
56	15.039	2049	2051	2055	rVV5	17235	20122	1.57%	0.172%
57	15.103	2059	2062	2069	rVB4	37960	58088	4.53%	0.496%
58	15.174	2071	2074	2076	rBV4	10967	13084	1.02%	0.112%
59	15.309	2094	2097	2100	rBV4	9237	16027	1.25%	0.137%
60	15.432	2110	2118	2123	rBV	164726	217649	16.98%	1.859%
61	15.620	2146	2150	2153	rBV5	17525	23816	1.86%	0.203%
62	15.797	2175	2180	2181	rBV5	13809	21087	1.65%	0.180%
63	15.838	2181	2187	2192	rVB2	69360	127653	9.96%	1.090%
64	15.996	2209	2214	2219	rBV6	23000	42857	3.34%	0.366%
65	16.061	2219	2225	2233	rVB2	144807	233389	18.21%	1.993%
66	16.296	2261	2265	2268	rBV	184291	249381	19.46%	2.130%
67	16.643	2320	2324	2326	rBV4	16047	22200	1.73%	0.190%
68	16.901	2366	2368	2371	rVB4	18739	14993	1.17%	0.128%
69	17.089	2396	2400	2405	rBV	164185	202615	15.81%	1.730%
70	17.142	2405	2409	2417	rVB3	76171	129817	10.13%	1.109%
71	17.318	2434	2439	2444	rBV	254262	417015	32.54%	3.561%
72	17.360	2444	2446	2451	rVB	68359	87880	6.86%	0.751%
73	17.559	2478	2480	2484	rBV4	20559	23149	1.81%	0.198%
74	17.630	2489	2492	2498	rVB6	23655	35257	2.75%	0.301%
75	17.830	2522	2526	2531	rBV	157045	193647	15.11%	1.654%
76	18.000	2550	2555	2560	rVB	365583	444584	34.69%	3.797%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061029.D
Acq On : 24 Apr 2024 18:56
Operator : MA/JU
Sample : P2247-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-04232024

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_G\Methods\8270-BG042024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	18.223	2589	2593	2605	rVB2	169812	284027	22.17%	2.426%
78	18.388	2618	2621	2626	rVB3	23288	36040	2.81%	0.308%
79	18.523	2640	2644	2648	rBV	141188	158345	12.36%	1.352%
80	19.140	2744	2749	2752	rBV	982429	1269171	99.04%	10.839%
81	19.175	2752	2755	2759	rVB	1102934	1281419	100.00%	10.944%
82	19.304	2773	2777	2781	rBV	219343	260863	20.36%	2.228%
83	19.381	2782	2790	2798	rBV2	479584	888500	69.34%	7.588%
84	19.498	2807	2810	2819	rVB6	51698	84404	6.59%	0.721%
85	19.733	2846	2850	2859	rVB2	240131	376662	29.39%	3.217%
86	19.939	2881	2885	2889	rVB	253541	307841	24.02%	2.629%
87	20.262	2937	2940	2943	rBV	57770	59906	4.67%	0.512%
88	21.578	3158	3164	3169	rBV2	305205	611153	47.69%	5.220%

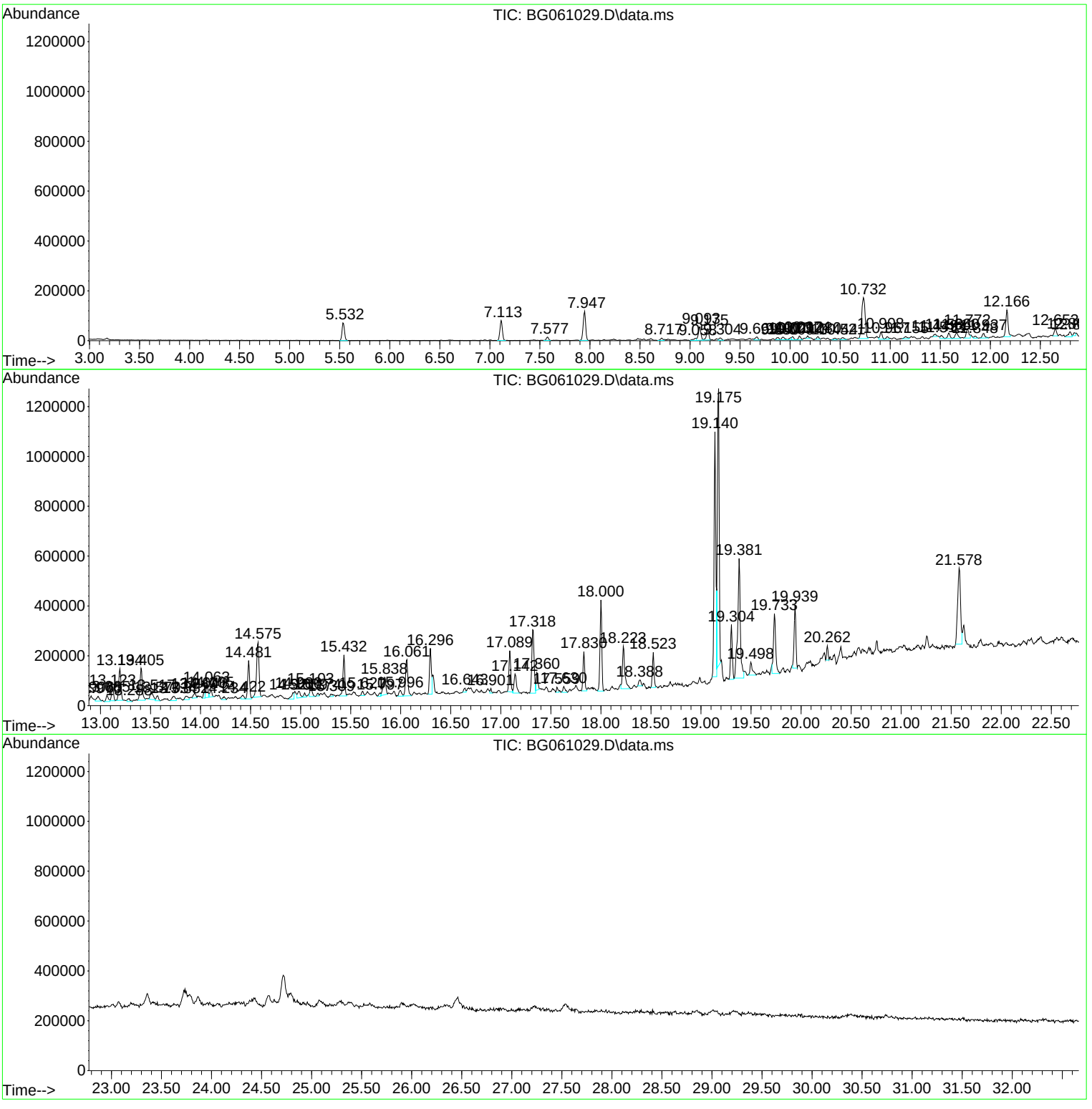
Sum of corrected areas: 11708995

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061029.D
Acq On : 24 Apr 2024 18:56
Operator : MA/JU
Sample : P2247-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-04232024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.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_G\Data\BG042424\
Data File : BG061029.D
Acq On : 24 Apr 2024 18:56
Operator : MA/JU
Sample : P2247-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-04232024

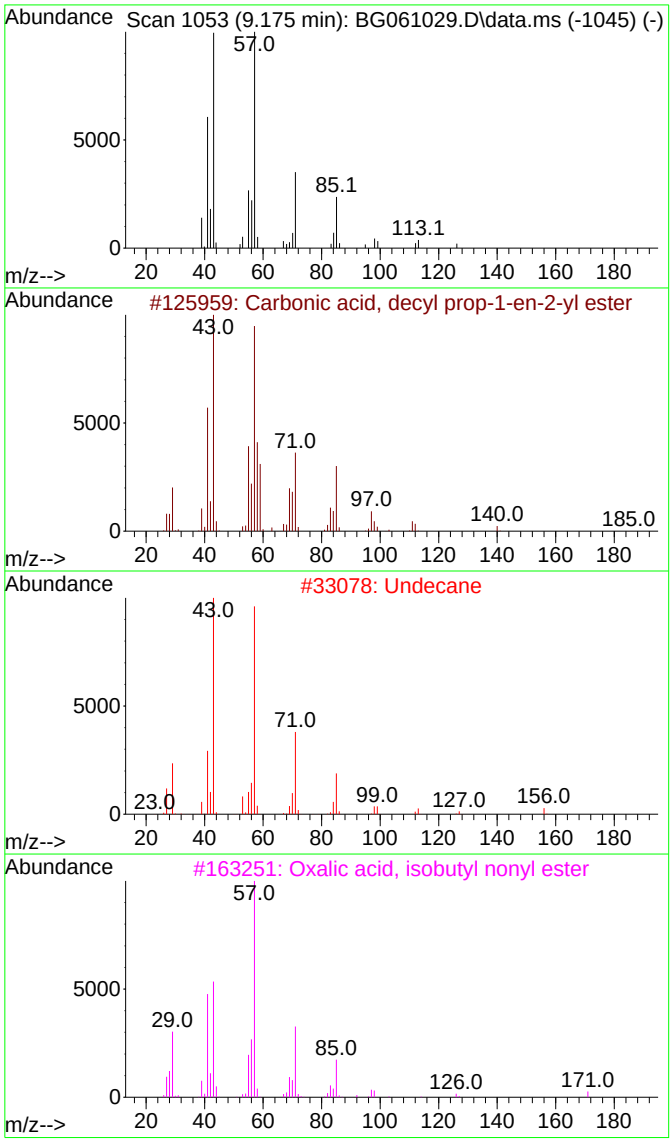
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

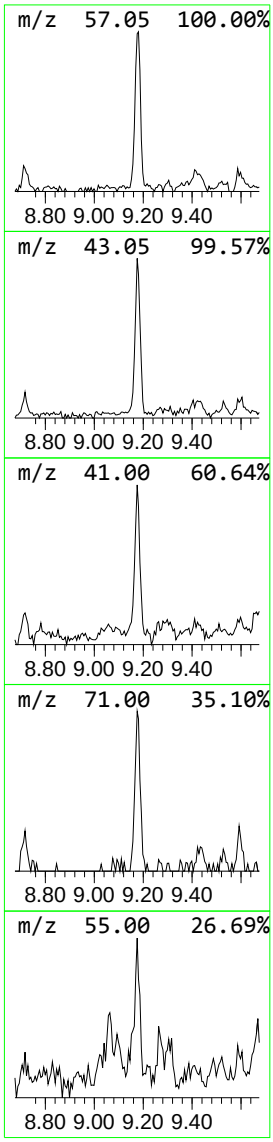
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Carbonic acid, decyl prop-1... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.175	7.68 ng	74615	1,4-Dichlorobenzene-d4	7.947

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, decyl prop-1-en-2...	242	C14H26O3	1000382-90-5	72
2	Undecane	156	C11H24	001120-21-4	64
3	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	64
4	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59
5	Tridecane	184	C13H28	000629-50-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061029.D
Acq On : 24 Apr 2024 18:56
Operator : MA/JU
Sample : P2247-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-04232024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

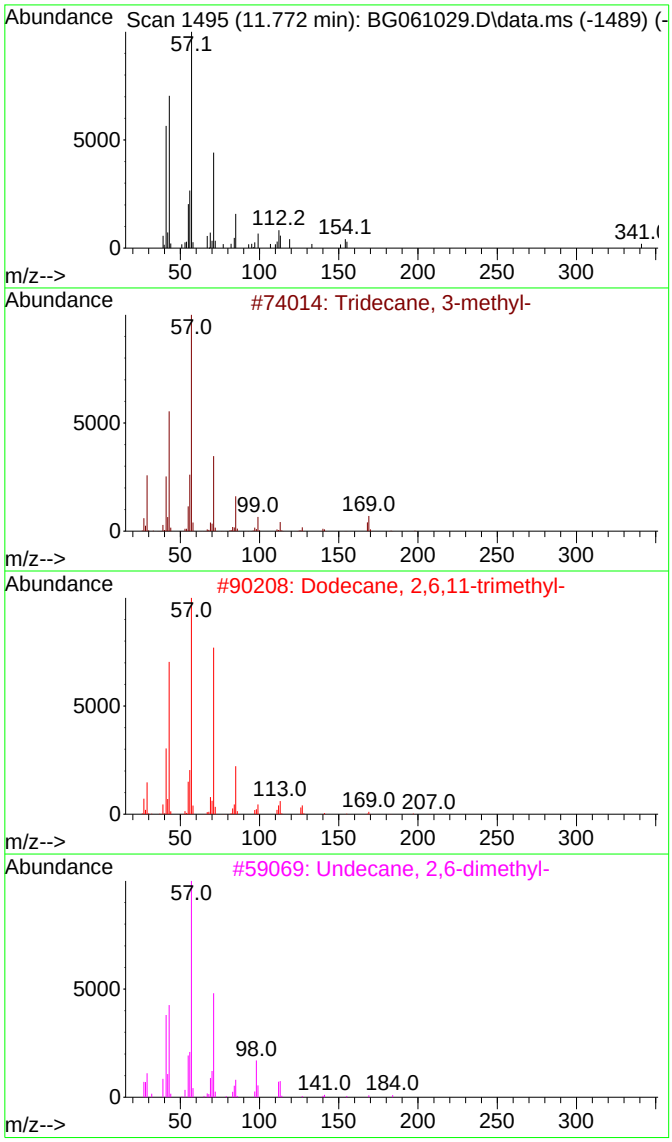
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

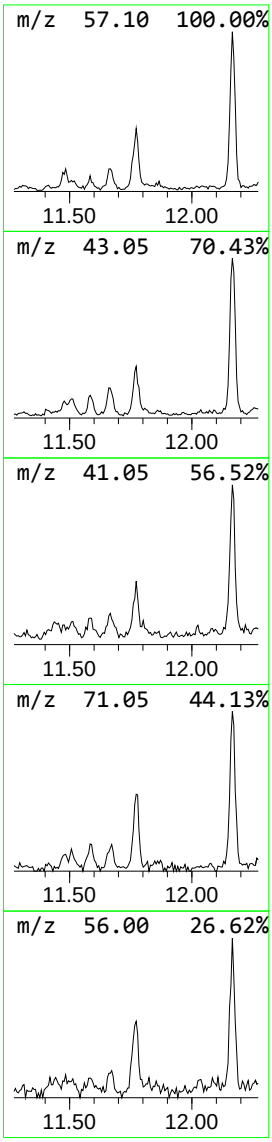
****

Peak Number 2 Tridecane, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.772	3.78 ng	72728	Naphthalene-d8	10.738

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	59
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061029.D
Acq On : 24 Apr 2024 18:56
Operator : MA/JU
Sample : P2247-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-04232024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

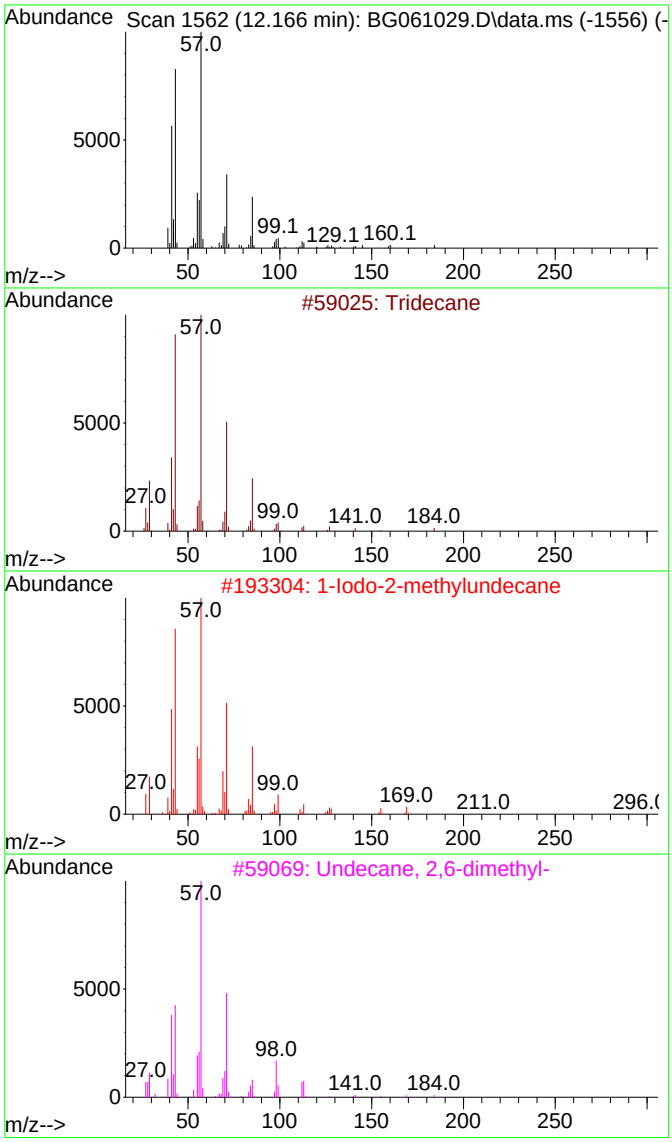
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

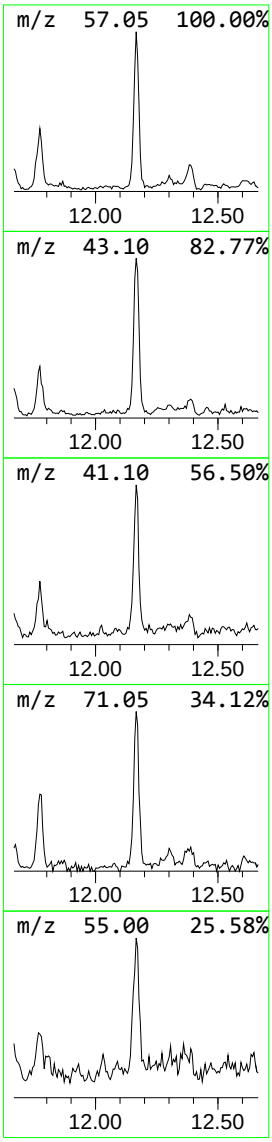
****

Peak Number 3 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.166	8.87 ng	170710	Naphthalene-d8	10.738

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	78
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
4	Decane	142	C10H22	000124-18-5	64
5	Nonadecane	268	C19H40	000629-92-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061029.D
Acq On : 24 Apr 2024 18:56
Operator : MA/JU
Sample : P2247-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-04232024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

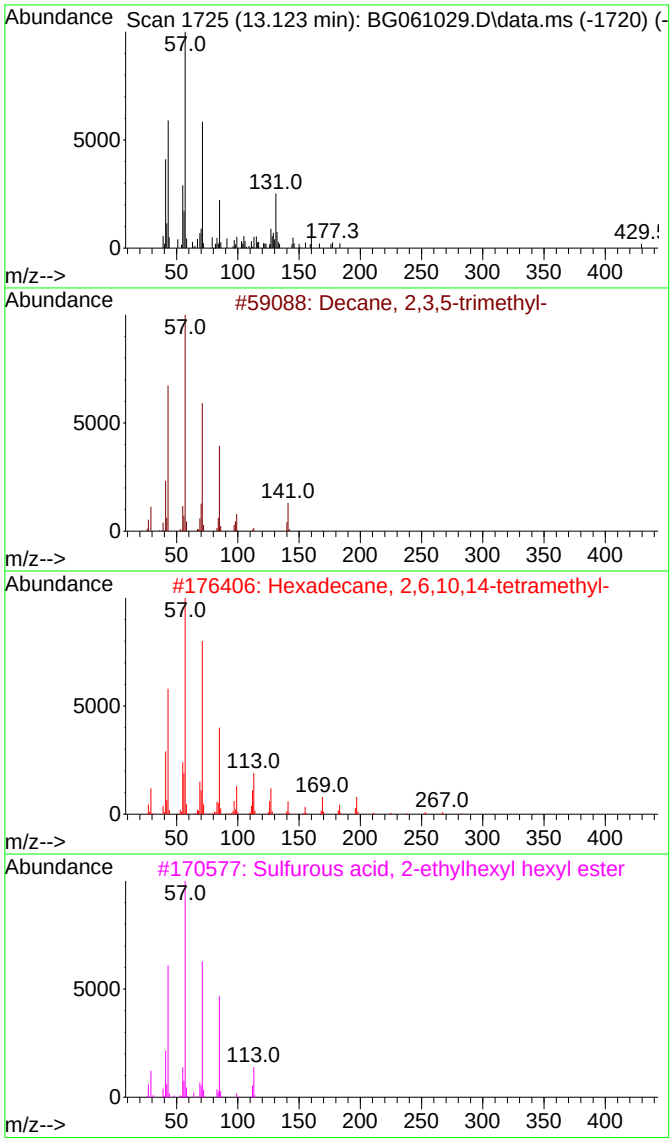
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

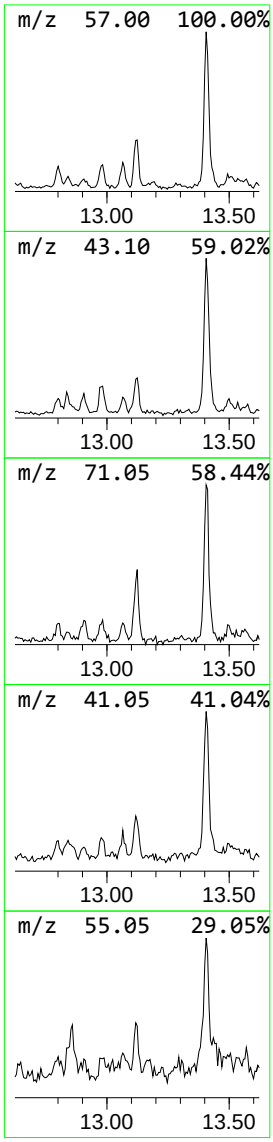
****

Peak Number 4 unknown13.123 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.123	3.86 ng	70496	Acenaphthene-d10	14.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	47
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	47
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	47
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	43
5	2,6-Dimethyldecane	170	C12H26	013150-81-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061029.D
Acq On : 24 Apr 2024 18:56
Operator : MA/JU
Sample : P2247-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-04232024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

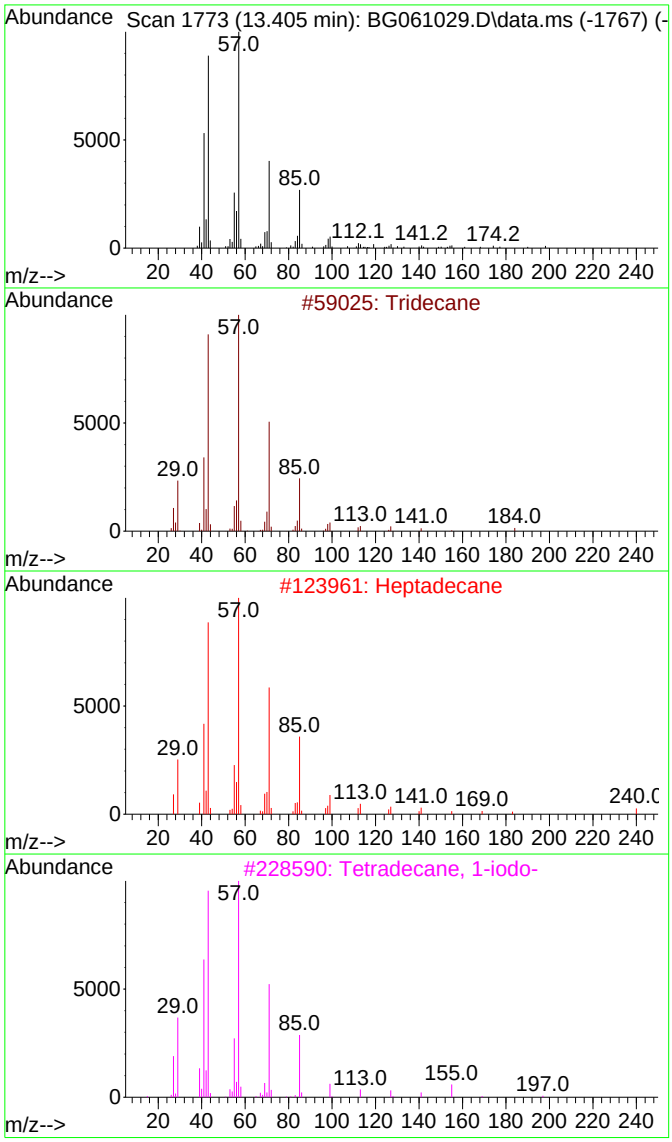
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

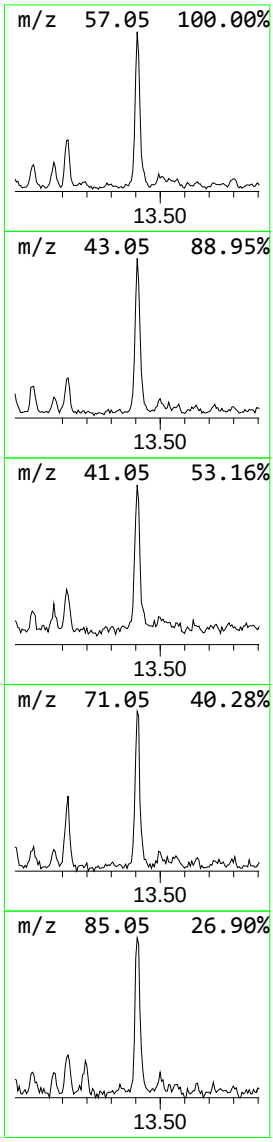
****

Peak Number 5 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.405	11.03 ng	201620	Acenaphthene-d10	14.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Heptadecane	240	C17H36	000629-78-7	83
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	78
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061029.D
Acq On : 24 Apr 2024 18:56
Operator : MA/JU
Sample : P2247-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-04232024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

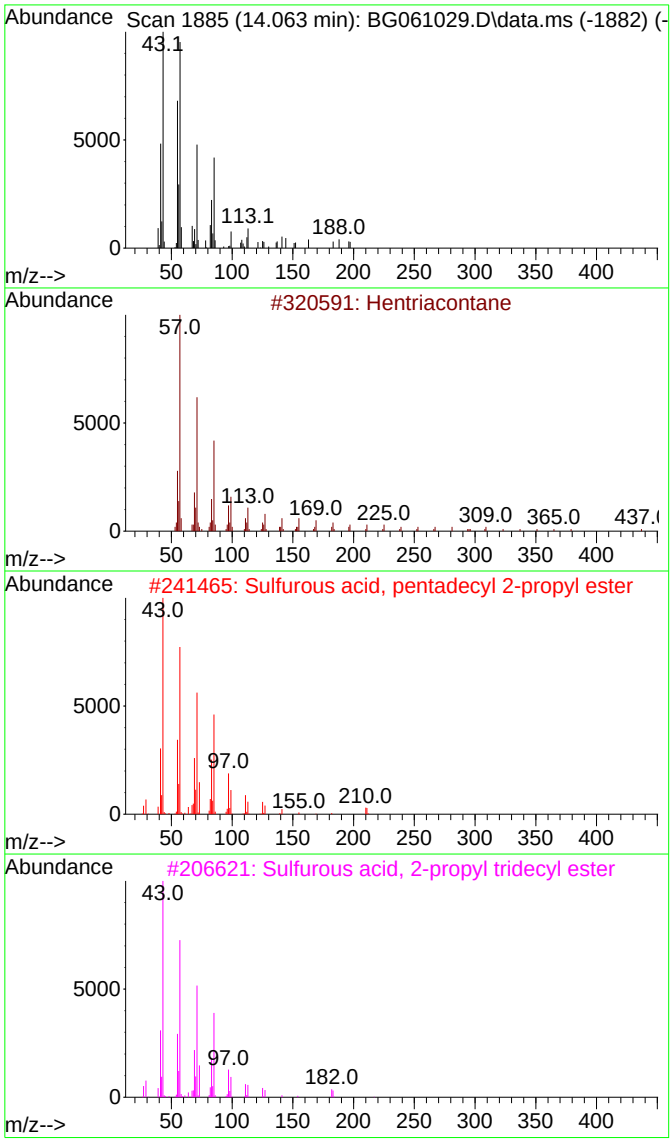
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

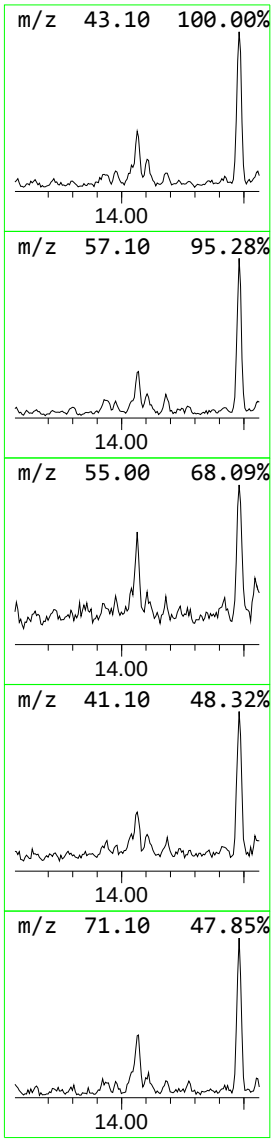
****

Peak Number 6 Hentriacontane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.063	3.73 ng	68148	Acenaphthene-d10	14.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	64
2	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	64
3	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	53
4	Heptadecane	240	C17H36	000629-78-7	53
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061029.D
Acq On : 24 Apr 2024 18:56
Operator : MA/JU
Sample : P2247-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-04232024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

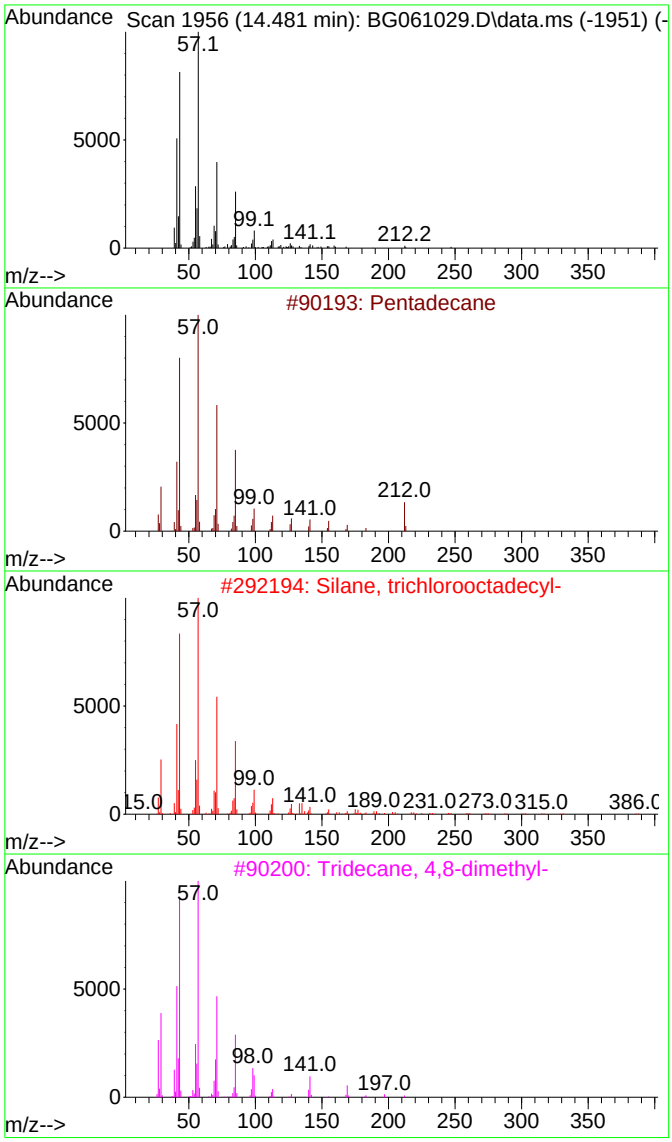
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

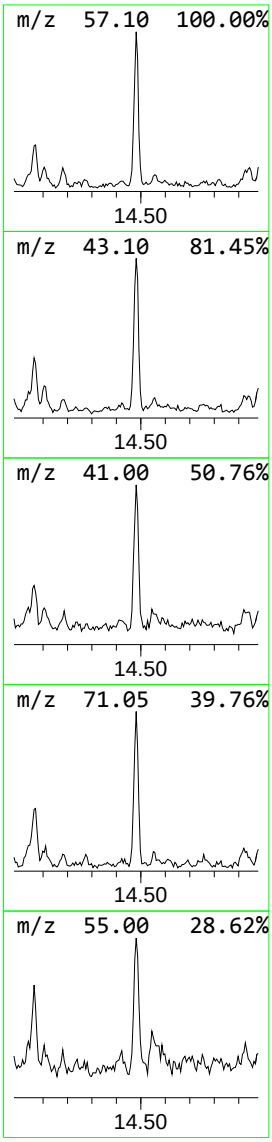
****

Peak Number 7 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.481	11.17 ng	204246	Acenaphthene-d10	14.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
3	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	87
4	Tridecane	184	C13H28	000629-50-5	86
5	Heptadecane	240	C17H36	000629-78-7	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061029.D
Acq On : 24 Apr 2024 18:56
Operator : MA/JU
Sample : P2247-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-04232024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

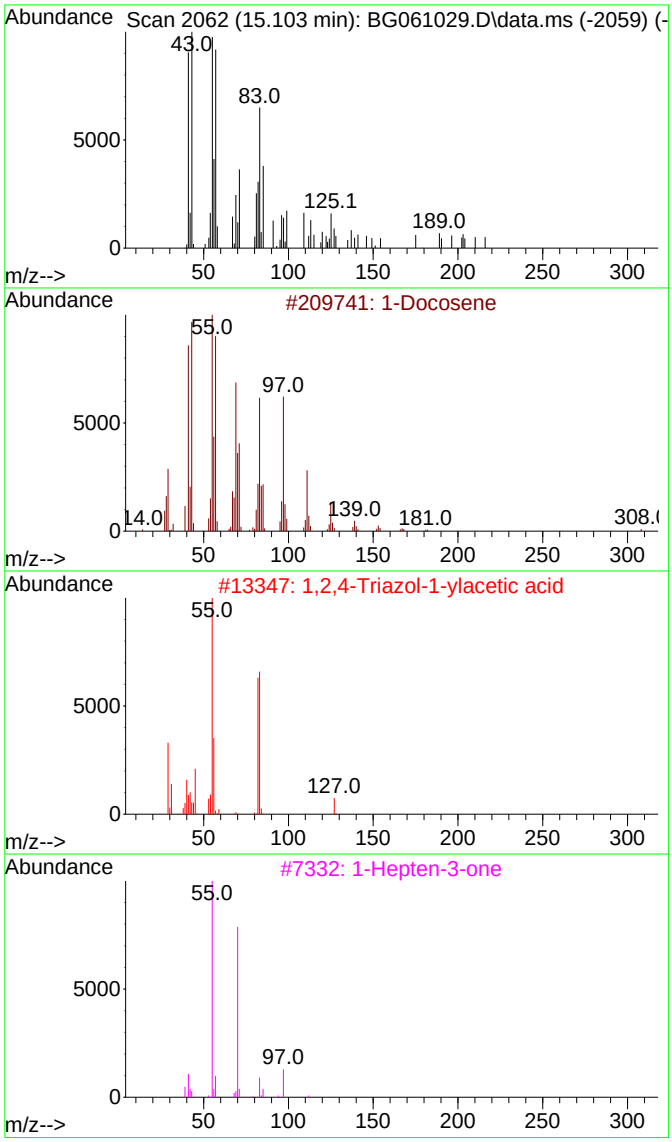
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

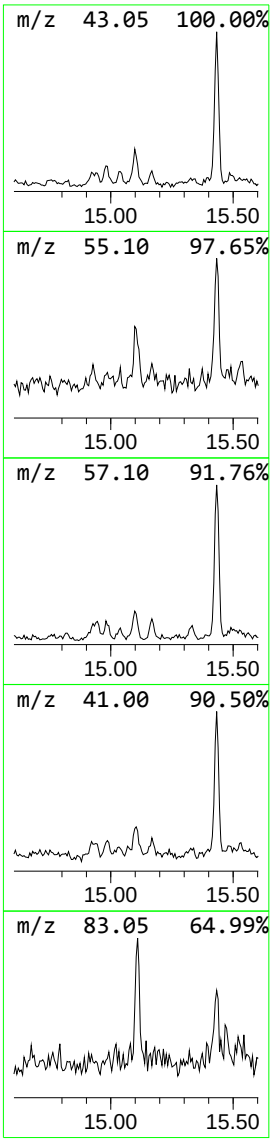
****

Peak Number 8 1-Docosene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.103	3.18 ng	58088	Acenaphthene-d10	14.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	50
2	1,2,4-Triazol-1-ylacetic acid	127	C4H5N3O2	028711-29-7	43
3	1-Hepten-3-one	112	C7H12O	002918-13-0	38
4	Hexane, 1-(hexyloxy)-3-methyl-	200	C13H28O	074421-18-4	35
5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061029.D
Acq On : 24 Apr 2024 18:56
Operator : MA/JU
Sample : P2247-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-04232024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

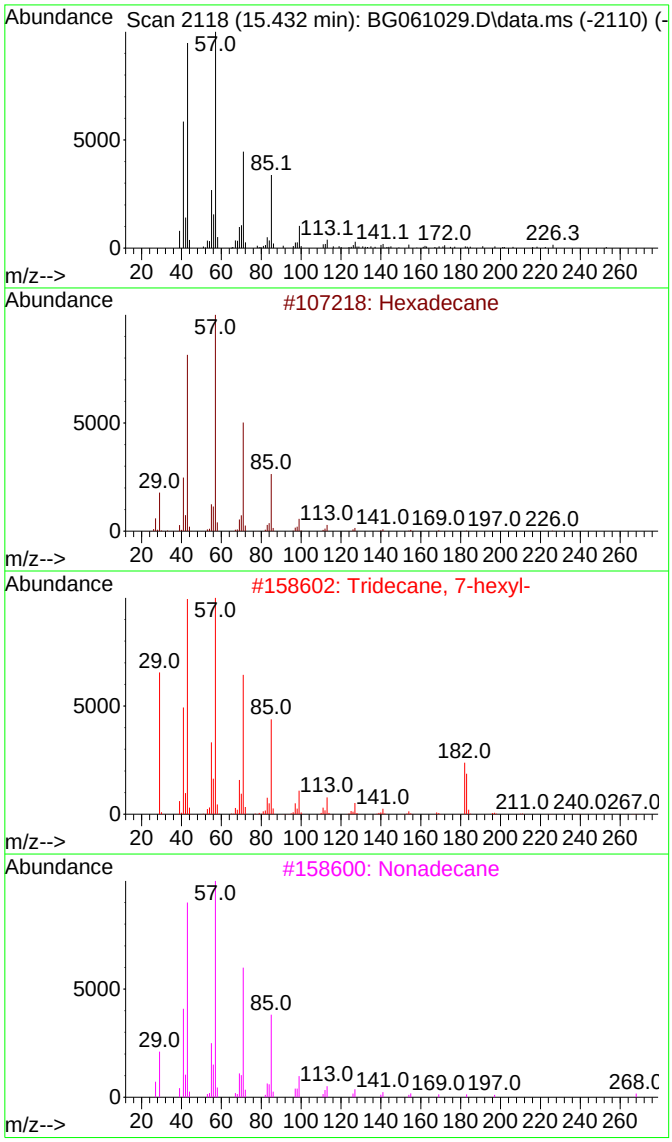
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

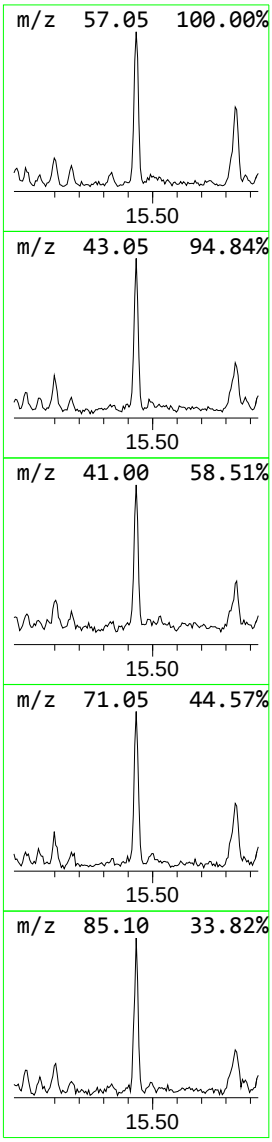
****

Peak Number 9 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.432	11.91 ng	217649	Acenaphthene-d10	14.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
3	Nonadecane	268	C19H40	000629-92-5	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061029.D
Acq On : 24 Apr 2024 18:56
Operator : MA/JU
Sample : P2247-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-04232024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

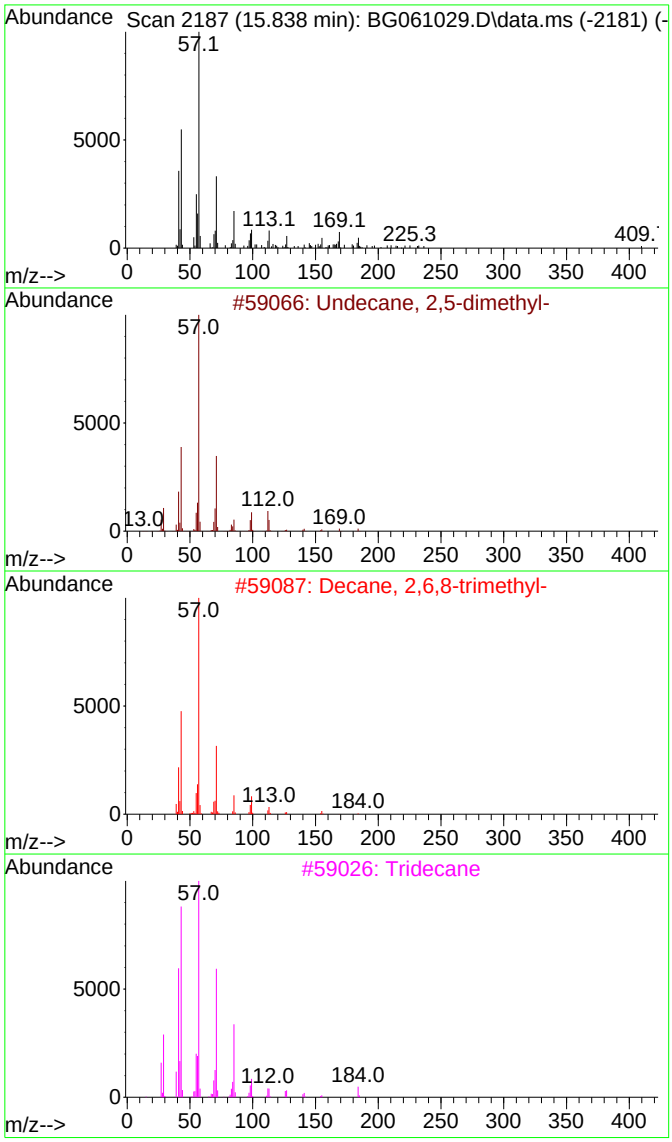
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

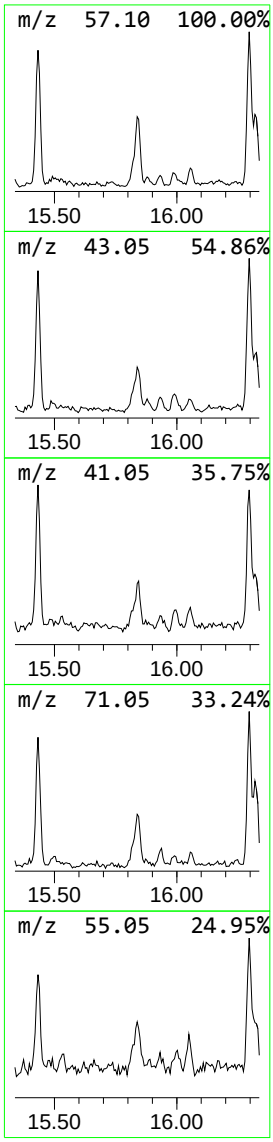
****

Peak Number 10 Undecane, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.838	6.98 ng	127653	Acenaphthene-d10	14.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	70
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	62
3	Tridecane	184	C13H28	000629-50-5	60
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	58
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061029.D
Acq On : 24 Apr 2024 18:56
Operator : MA/JU
Sample : P2247-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-04232024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

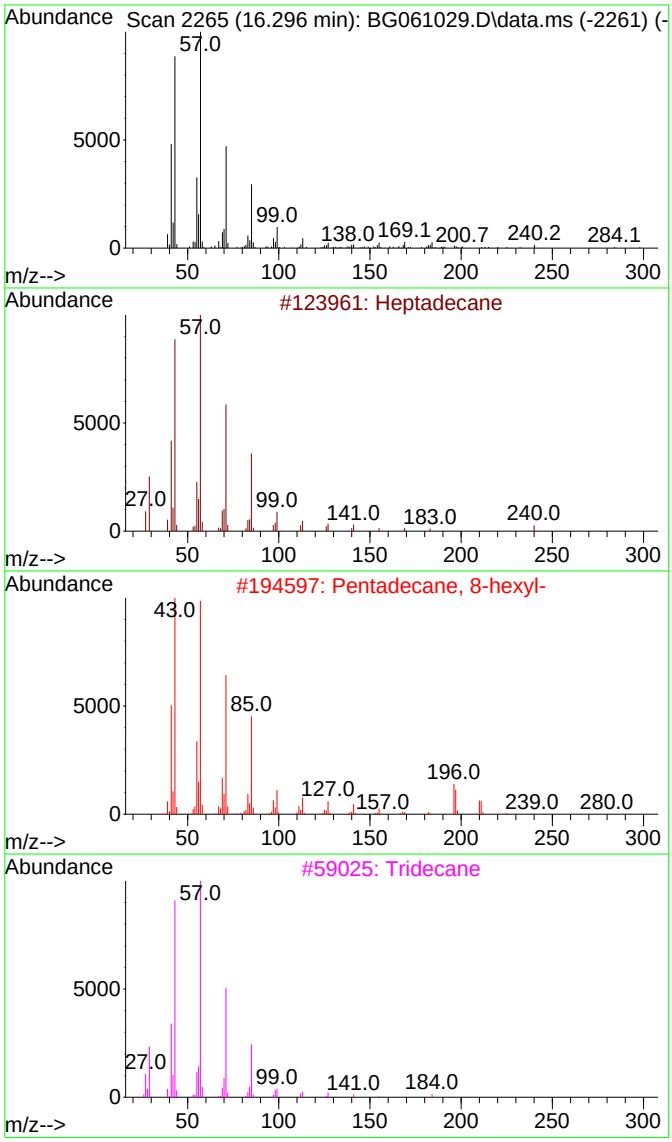
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

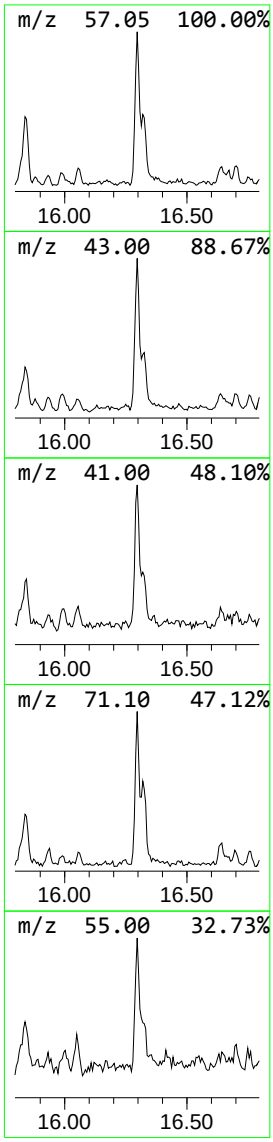
****

Peak Number 11 Pentadecane, 8-hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.296	11.96 ng	249381	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
3	Tridecane	184	C13H28	000629-50-5	87
4	Hexadecane	226	C16H34	000544-76-3	86
5	Octadecane	254	C18H38	000593-45-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061029.D
Acq On : 24 Apr 2024 18:56
Operator : MA/JU
Sample : P2247-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-04232024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

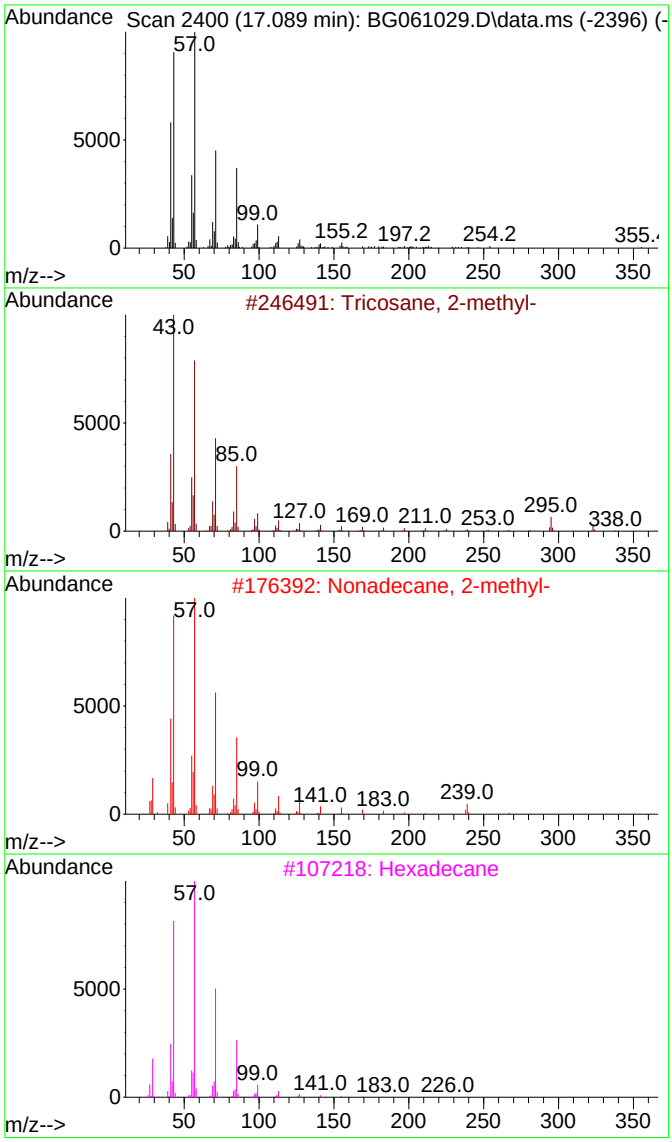
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

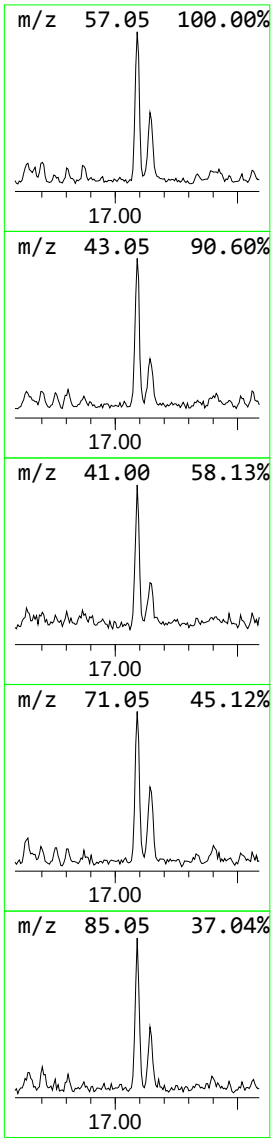
****

Peak Number 12 Tricosane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.089	9.72 ng	202615	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane, 2-methyl-	338	C24H50	001928-30-9	90
2	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061029.D
Acq On : 24 Apr 2024 18:56
Operator : MA/JU
Sample : P2247-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-04232024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

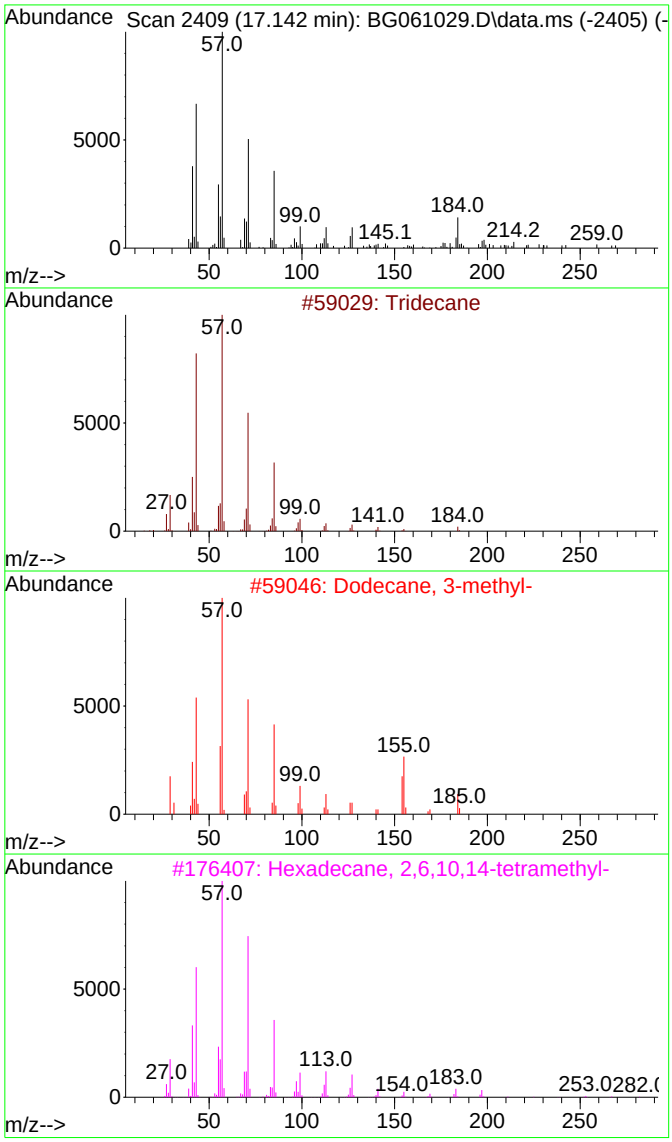
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

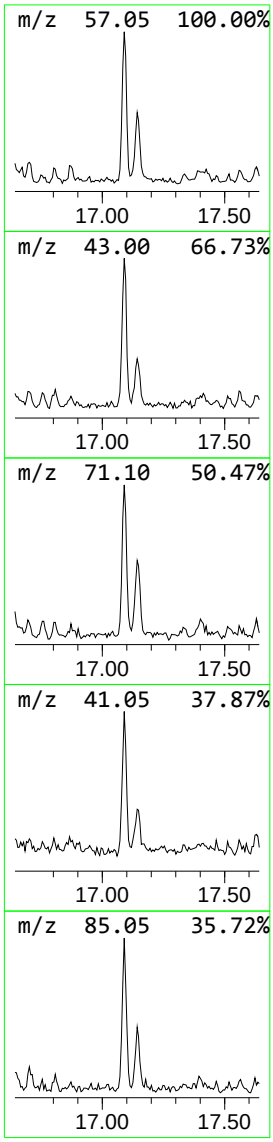
****

Peak Number 13 Dodecane, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.142	6.23 ng	129817	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	83
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4	Tetradecane	198	C14H30	000629-59-4	76
5	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061029.D
Acq On : 24 Apr 2024 18:56
Operator : MA/JU
Sample : P2247-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-04232024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

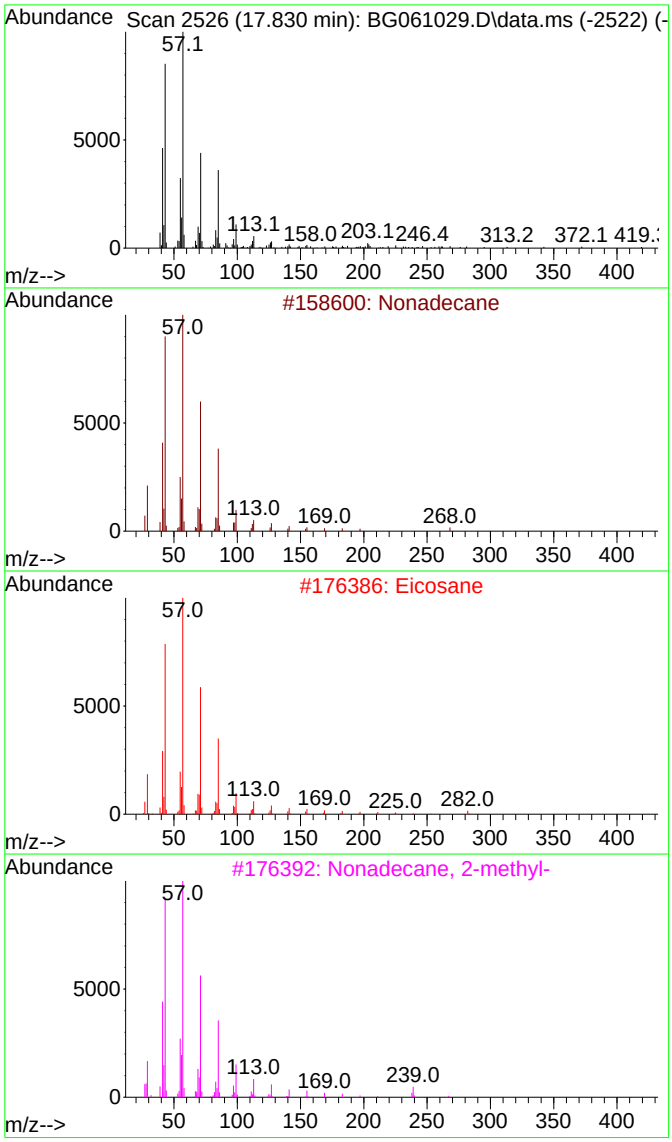
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

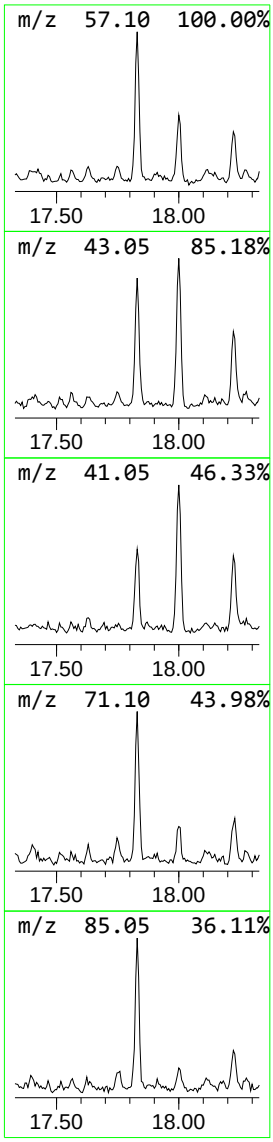
****

Peak Number 14 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.830	9.29 ng	193647	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Eicosane	282	C20H42	000112-95-8	90
3	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	87
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061029.D
Acq On : 24 Apr 2024 18:56
Operator : MA/JU
Sample : P2247-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-04232024

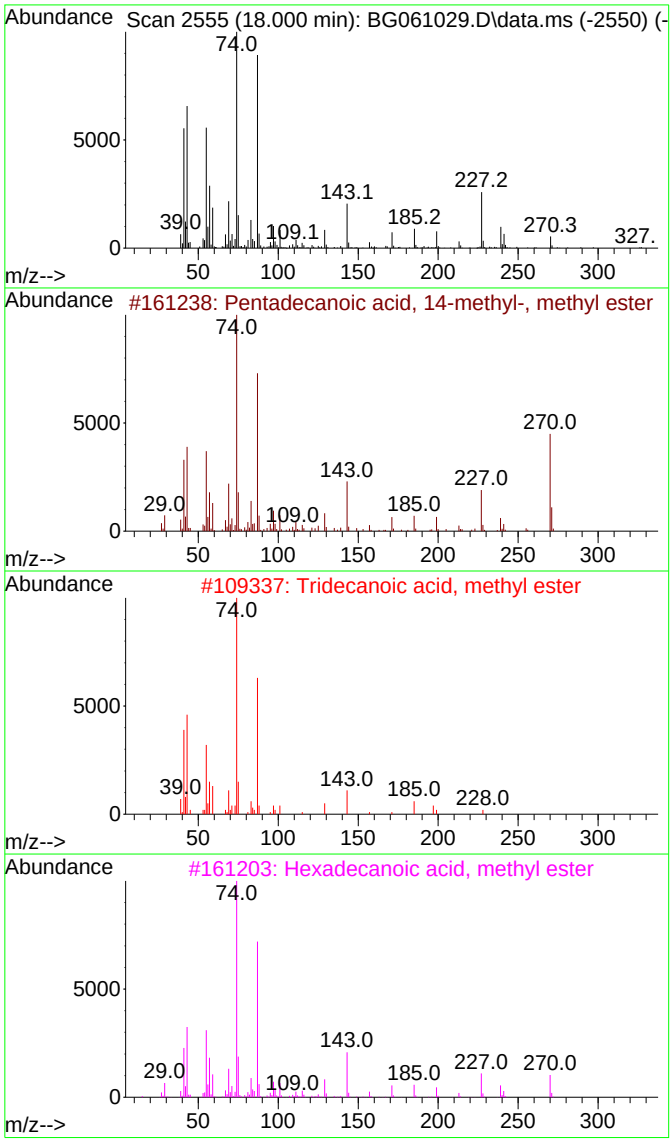
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

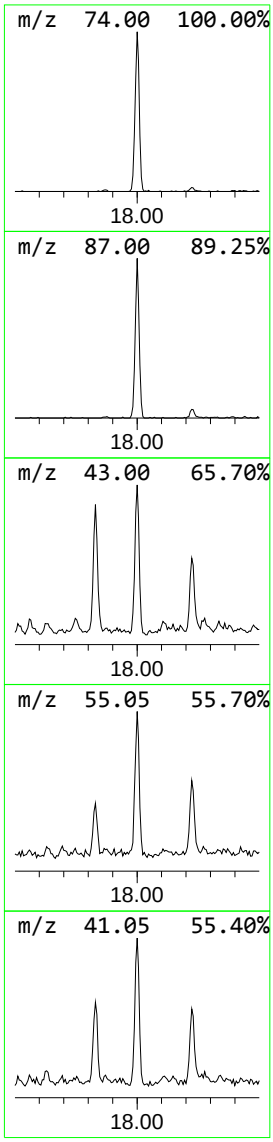
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Pentadecanoic acid, 14-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.000	21.32 ng	444584	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
3	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	86
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	81
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061029.D
Acq On : 24 Apr 2024 18:56
Operator : MA/JU
Sample : P2247-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-04232024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

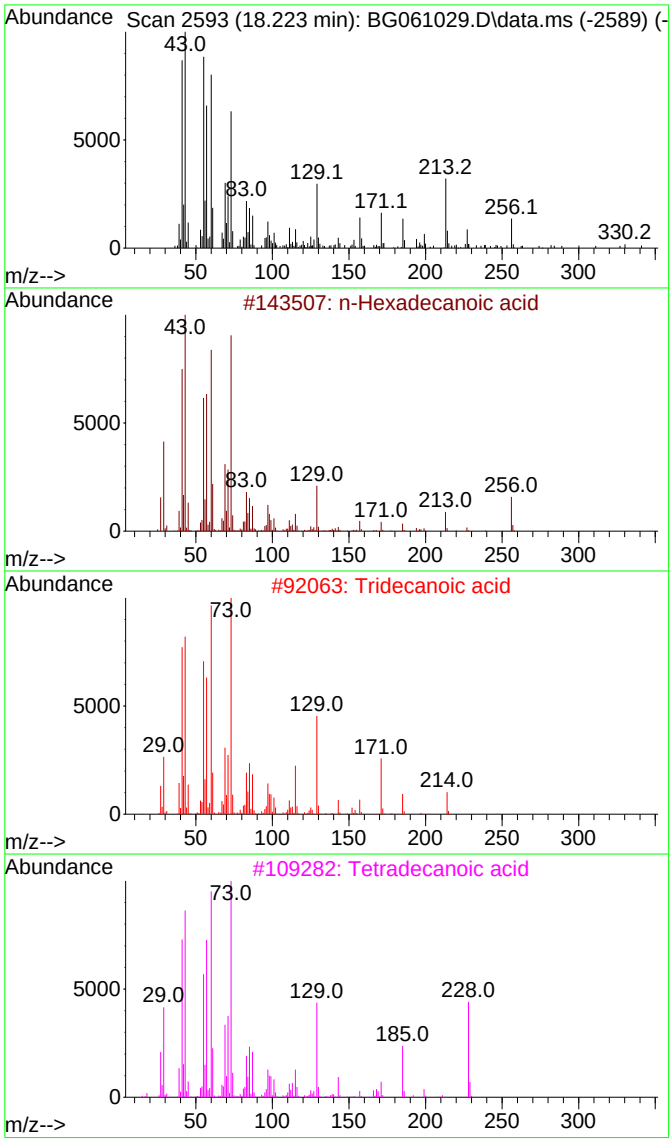
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

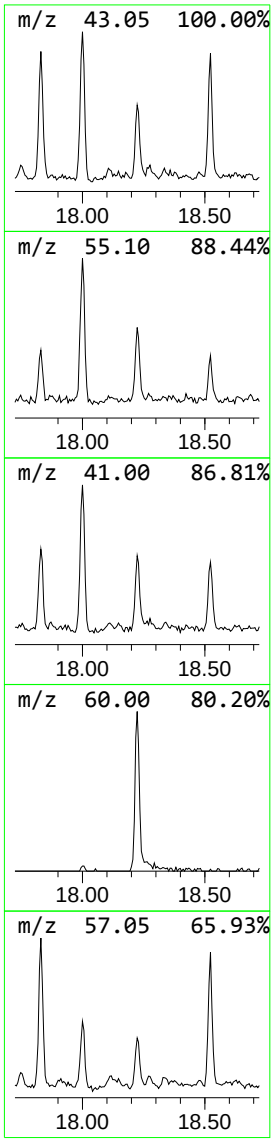
****

Peak Number 16 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.223	13.62 ng	284027	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	55
5	Undecanoic acid	186	C11H22O2	000112-37-8	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061029.D
Acq On : 24 Apr 2024 18:56
Operator : MA/JU
Sample : P2247-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-04232024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

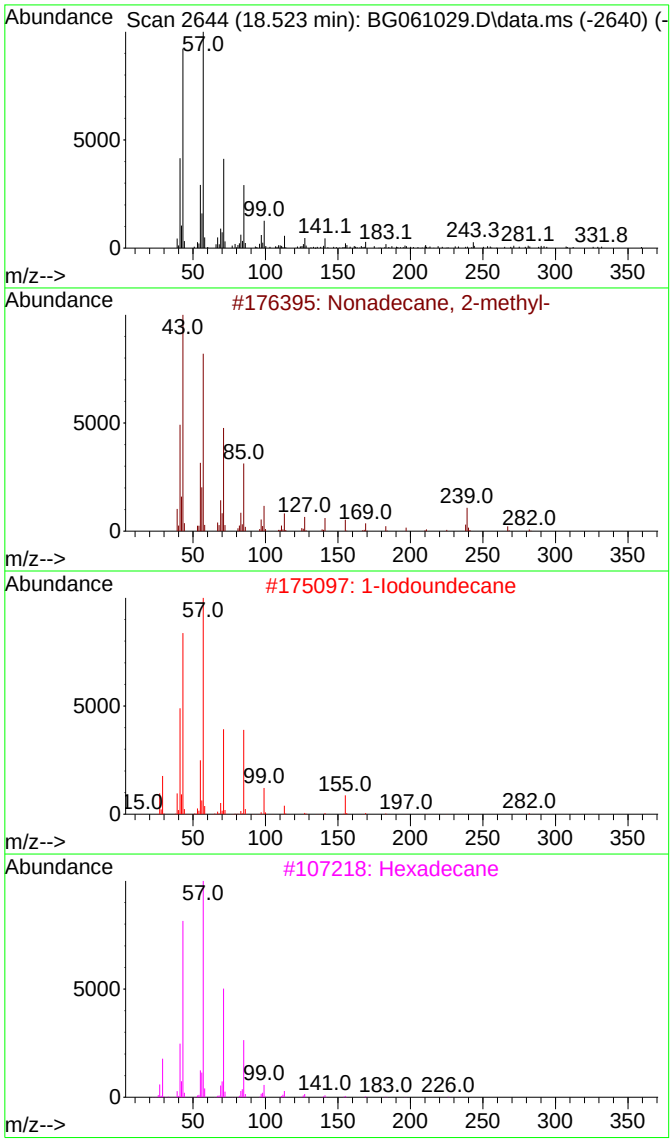
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

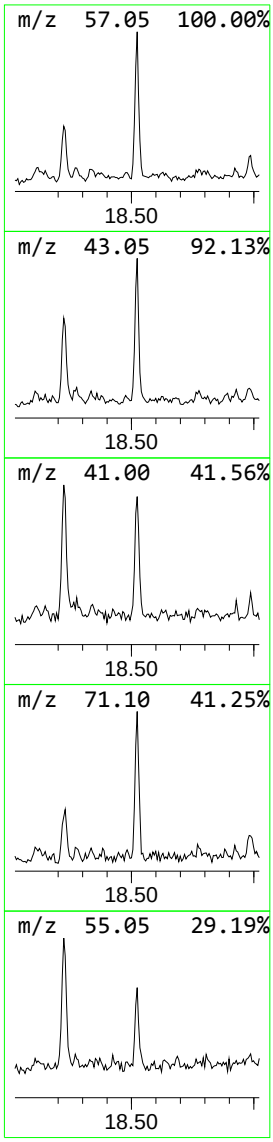
****

Peak Number 17 Nonadecane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.523	7.59 ng	158345	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	89
2	1-Iodoundecane	282	C11H23I	004282-44-4	83
3	Hexadecane	226	C16H34	000544-76-3	81
4	Eicosane, 3-methyl-	296	C21H44	006418-46-8	80
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061029.D
Acq On : 24 Apr 2024 18:56
Operator : MA/JU
Sample : P2247-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-04232024

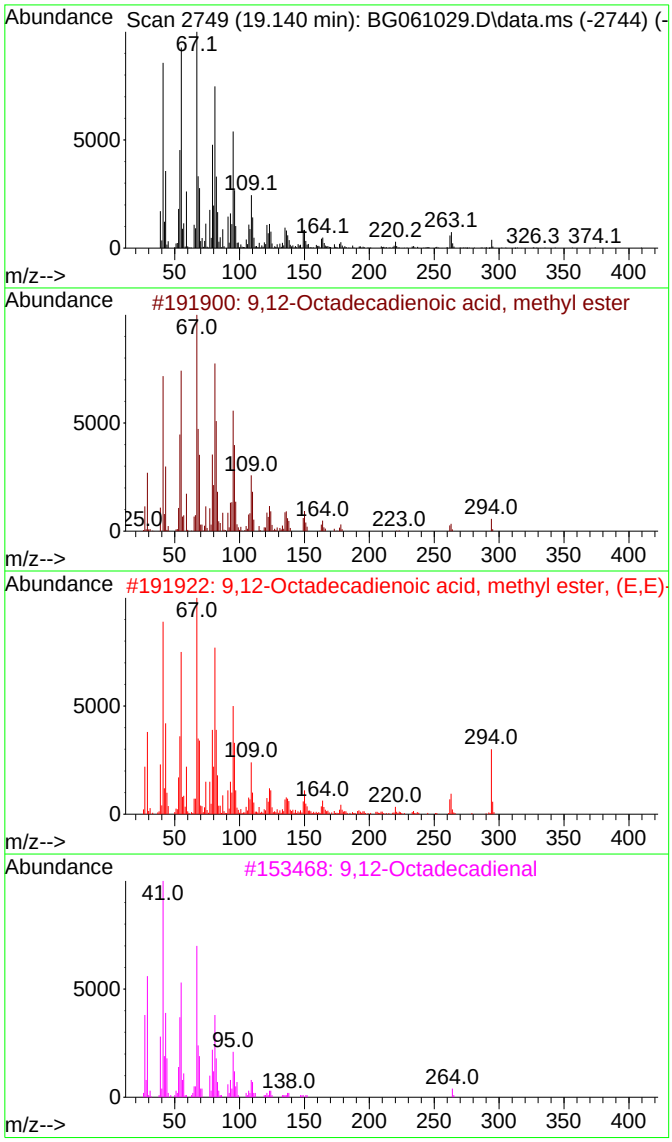
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

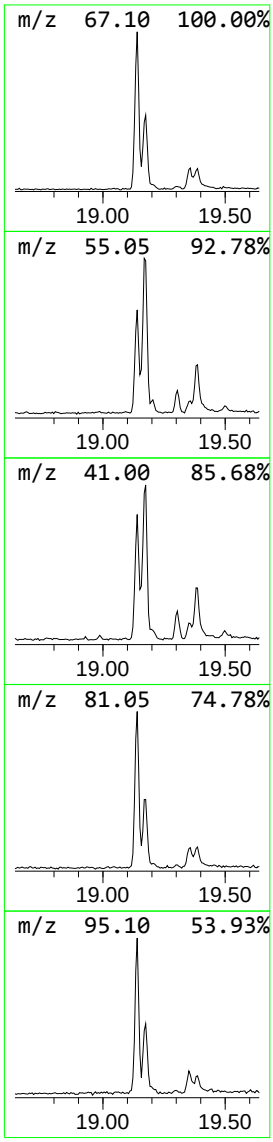
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.140	60.87 ng	1269170	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	98
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	97
3	9,12-Octadecadienal	264	C18H32O	026537-70-2	91
4	9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	91
5	8-Dodecen-1-ol, (Z)-	184	C12H24O	040642-40-8	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061029.D
Acq On : 24 Apr 2024 18:56
Operator : MA/JU
Sample : P2247-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-04232024

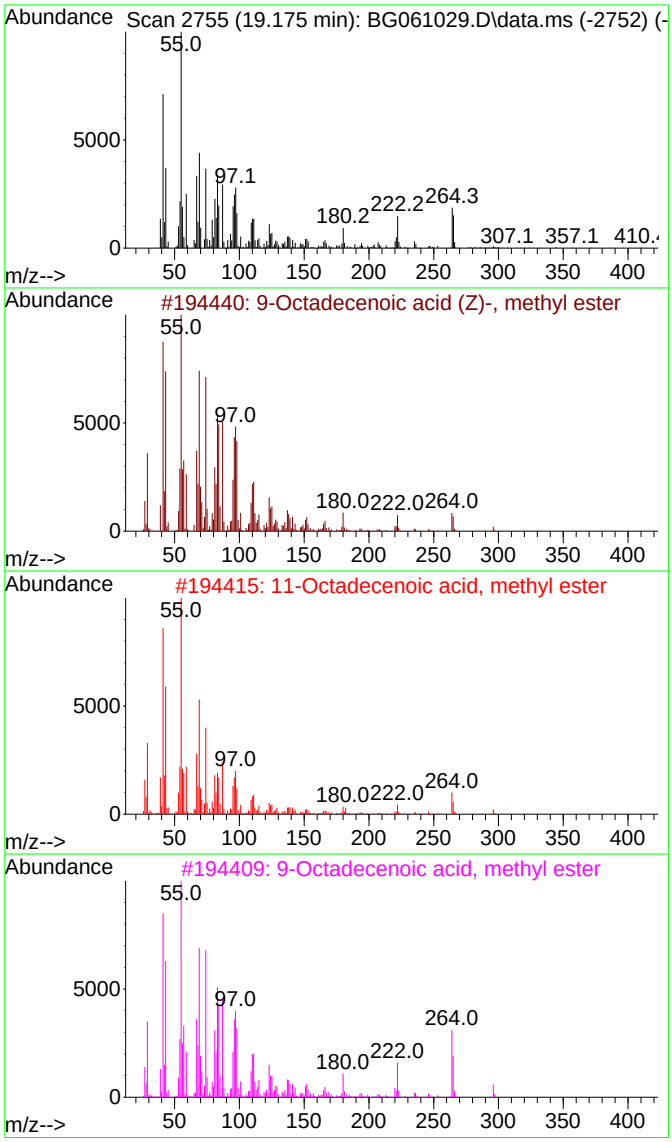
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

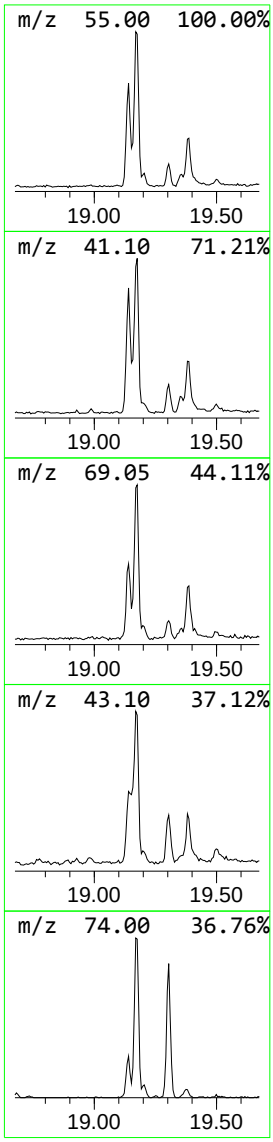
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.175	61.46 ng	1281420	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	96
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	91
3	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	87
4	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	81
5	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061029.D
Acq On : 24 Apr 2024 18:56
Operator : MA/JU
Sample : P2247-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-04232024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

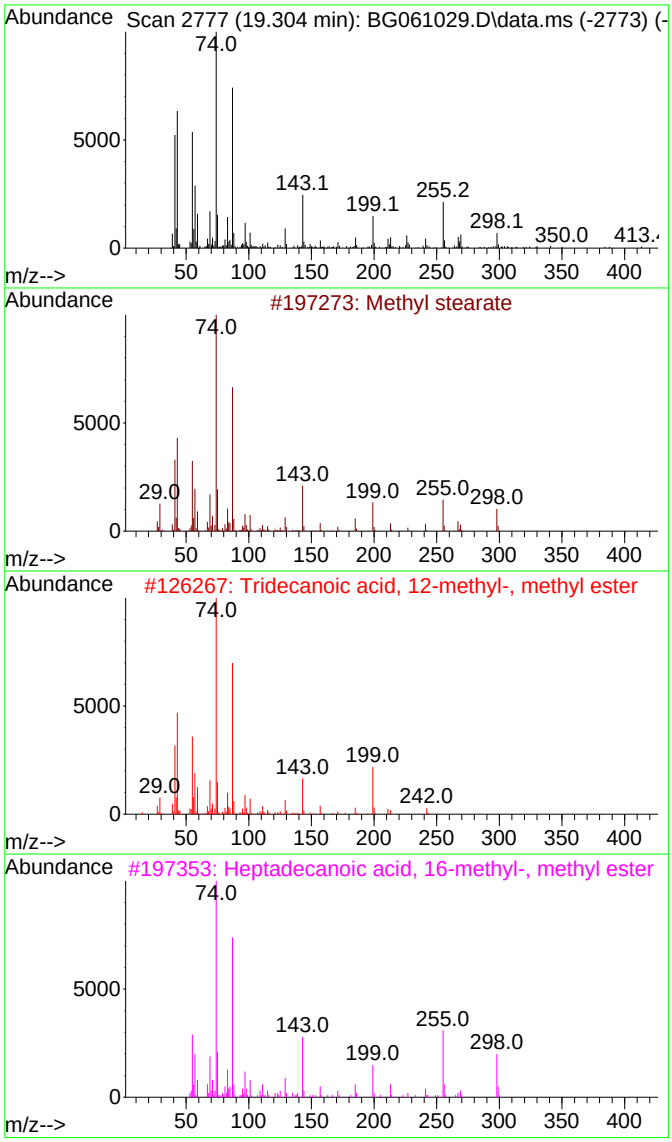
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

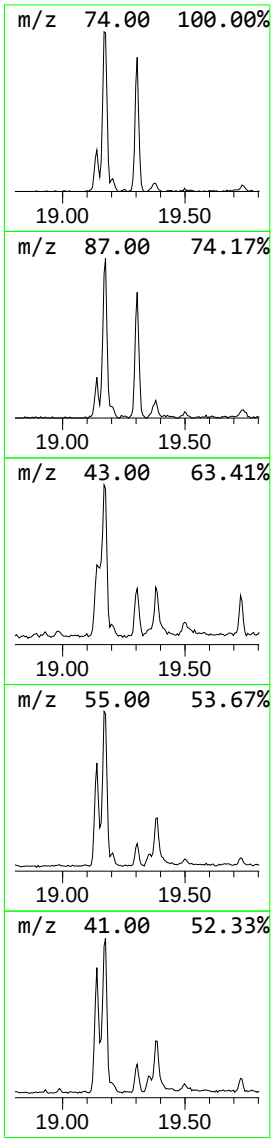
****

Peak Number 20 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.304	12.51 ng	260863	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	96
2	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	91
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
Data File : BG061029.D
Acq On : 24 Apr 2024 18:56
Operator : MA/JU
Sample : P2247-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-02-04232024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.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
Carbonic acid, ...	9.175	7.7	ng	74615	1	7.947	194274	20.0
Tridecane, 3-me...	11.772	3.8	ng	72728	2	10.738	384701	20.0
Tridecane	12.166	8.9	ng	170710	2	10.738	384701	20.0
unknown13.123	13.123	3.9	ng	70496	3	14.575	365578	20.0
Heptadecane	13.405	11.0	ng	201620	3	14.575	365578	20.0
Hentriacontane	14.063	3.7	ng	68148	3	14.575	365578	20.0
Pentadecane	14.481	11.2	ng	204246	3	14.575	365578	20.0
1-Docosene	15.103	3.2	ng	58088	3	14.575	365578	20.0
Hexadecane	15.432	11.9	ng	217649	3	14.575	365578	20.0
Undecane, 2,5-d...	15.838	7.0	ng	127653	3	14.575	365578	20.0
Pentadecane, 8-...	16.296	12.0	ng	249381	4	17.318	417015	20.0
Tricosane, 2-me...	17.089	9.7	ng	202615	4	17.318	417015	20.0
Dodecane, 3-met...	17.142	6.2	ng	129817	4	17.318	417015	20.0
Nonadecane	17.830	9.3	ng	193647	4	17.318	417015	20.0
Pentadecanoic a...	18.000	21.3	ng	444584	4	17.318	417015	20.0
n-Hexadecanoic ...	18.223	13.6	ng	284027	4	17.318	417015	20.0
Nonadecane, 2-m...	18.523	7.6	ng	158345	4	17.318	417015	20.0
9,12-Octadecadi...	19.140	60.9	ng	1269170	4	17.318	417015	20.0
9-Octadecenoic ...	19.175	61.5	ng	1281420	4	17.318	417015	20.0
Methyl stearate	19.304	12.5	ng	260863	4	17.318	417015	20.0