LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138256.D
Acq On : 19 Jun 2024 20:28
Operator : CG\JU
Sample : P2940-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-03-061824

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-BF061224.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138256.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.169	8	14	20	rVB	2927545	3692927	28.65%	5.127%
2	3.387	216	221	249	rBV	126864	477393	3.70%	0.663%
3	5.104	509	513	520	rVB	272317	312318	2.42%	0.434%
4	5.504	576	581	584	rBV	4799382	4571875	35.46%	6.347%
5	6.510	747	752	755	rBV	4253784	4355566	33.79%	6.046%
6	6.704	782	785	792	rBV	211185	196938	1.53%	0.273%
7	6.887	812	816	819	rVB	2072755	1687858	13.09%	2.343%
8	7.445	906	911	914	rBV	3233106	2667796	20.69%	3.703%
9	8.163	1030	1033	1037	rVB	2206131	1875401	14.55%	2.603%
10	8.475	1078	1086	1091	rBV	351221	330704	2.57%	0.459%
11	9.239	1212	1216	1219	rBV	5638849	4436546	34.41%	6.159%
12	9.316	1226	1229	1232	rBV	154904	148966	1.16%	0.207%
13	9.639	1280	1284	1286	rBV3	161390	170584	1.32%	0.237%
14	9.845	1317	1319	1324	rVB	299887	257378	2.00%	0.357%
15	9.922	1328	1332	1335	rVB	1938675	1691397	13.12%	2.348%
16	10.169	1371	1374	1378	rBV3	112709	138790	1.08%	0.193%
17	10.345	1402	1404	1407	rVB	456974	384449	2.98%	0.534%
18	10.569	1437	1442	1448	rBV	215974	286748	2.22%	0.398%
19	10.704	1460	1465	1469	rBV	2833684	2436142	18.90%	3.382%
20	10.822	1482	1485	1493	rVB	634243	705083	5.47%	0.979%
21	11.269	1558	1561	1564	rBV	567711	446454	3.46%	0.620%
22	11.298	1564	1566	1572	rVB	263430	267468	2.07%	0.371%
23	11.404	1581	1584	1587	rBV	2164950	1778029	13.79%	2.468%
24	11.698	1631	1634	1636	rBV	514329	385354	2.99%	0.535%
25	11.798	1648	1651	1654	rBV	3898444	2962525	22.98%	4.113%
26	11.933	1671	1674	1681	rBV	1213843	1045542	8.11%	1.451%
27	12.104	1700	1703	1708	rBV	487765	419150	3.25%	0.582%
28	12.492	1764	1769	1771	rBV	11017849	12891881	100.00%	17.896%
29	12.516	1771	1773	1779	rVV2	9148933	8103691	62.86%	11.250%
30	12.592	1783	1786	1788	rVV	2444121	1869540	14.50%	2.595%
31	12.622	1788	1791	1793	rVV2	831135	934829	7.25%	1.298%
32	12.639	1793	1794	1803	rVV3	649965	790967	6.14%	1.098%
33	12.716	1804	1807	1814	rVV	569336	566652	4.40%	0.787%
34	12.845	1826	1829	1831	rBV	344950	296461	2.30%	0.412%
35	12.863	1831	1832	1835	rVB2	323163	232182	1.80%	0.322%
36	12.992	1850	1854	1857	rBV	5376408	4621530	35.85%	6.416%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138256.D
Acq On : 19 Jun 2024 20:28
Operator : CG\JU
Sample : P2940-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-061824

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-BF061224.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.222	1890	1893	1895	rBV	309325	285758	2.22%	0.397%
38	13.316	1906	1909	1912	rBV	228856	178032	1.38%	0.247%
39	13.563	1949	1951	1954	rBV	181469	156341	1.21%	0.217%
40	13.892	2004	2007	2017	rVB2	432125	592287	4.59%	0.822%
41	13.986	2020	2023	2026	rBV	223658	200624	1.56%	0.279%
42	14.039	2029	2032	2035	rVV	1283193	1256735	9.75%	1.745%
43	15.521	2280	2284	2288	rBV	746130	928953	7.21%	1.290%

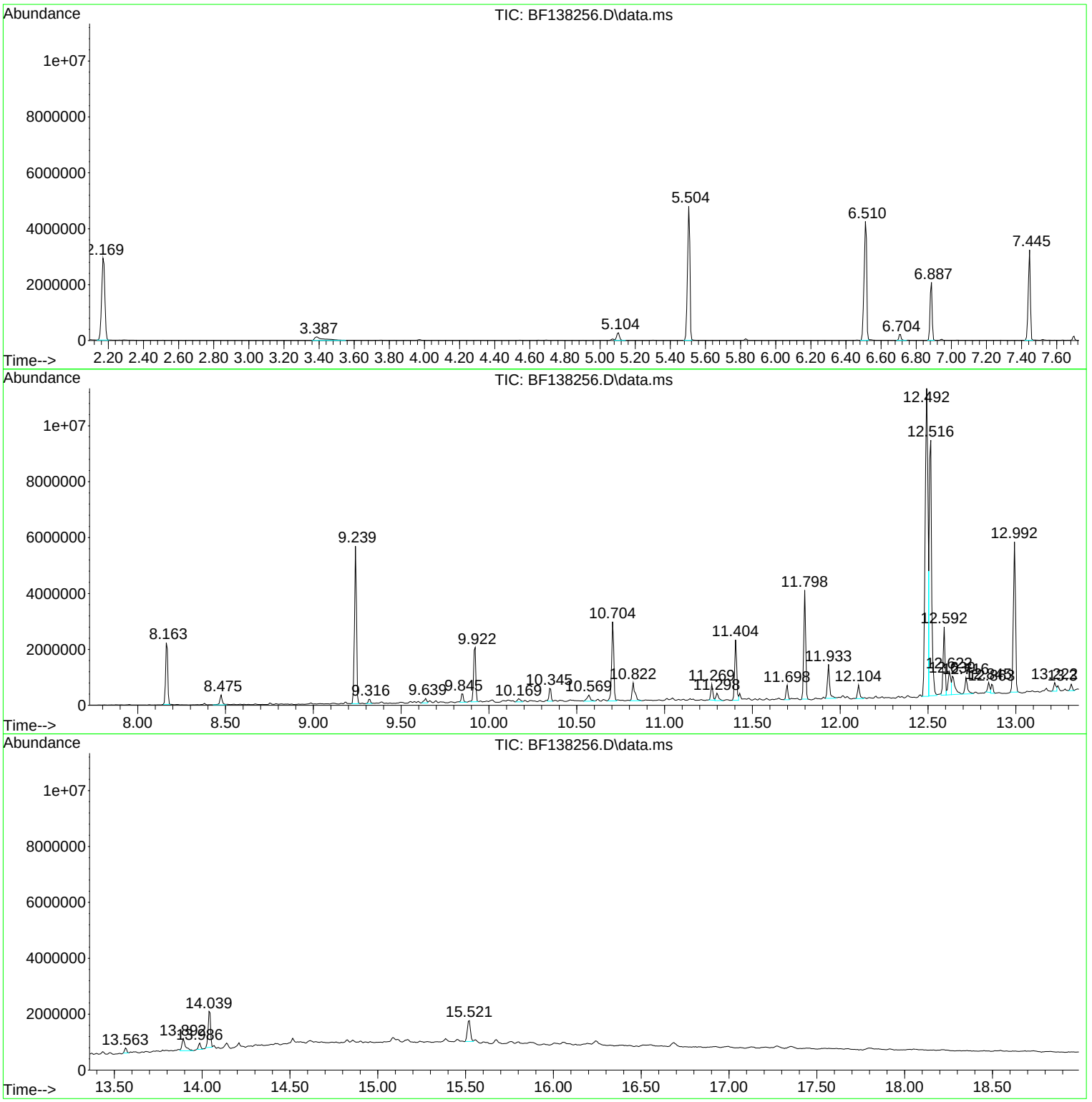
Sum of corrected areas: 72035844

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138256.D
Acq On : 19 Jun 2024 20:28
Operator : CG\JU
Sample : P2940-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-061824

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.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\BF061924\
Data File : BF138256.D
Acq On : 19 Jun 2024 20:28
Operator : CG\JU
Sample : P2940-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-061824

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

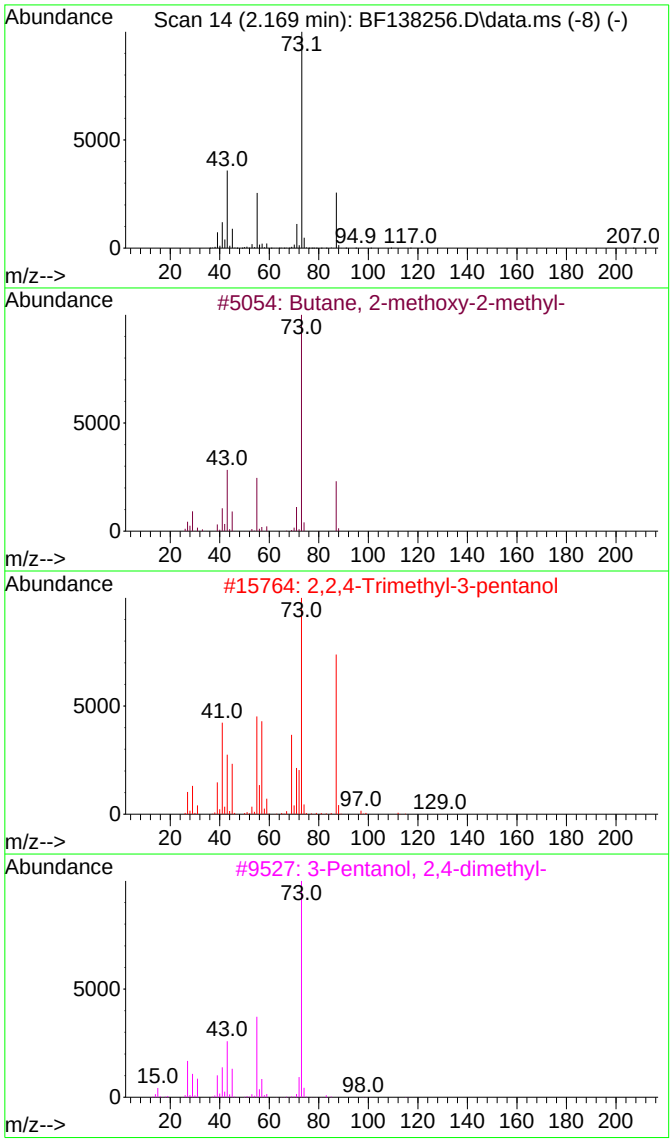
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

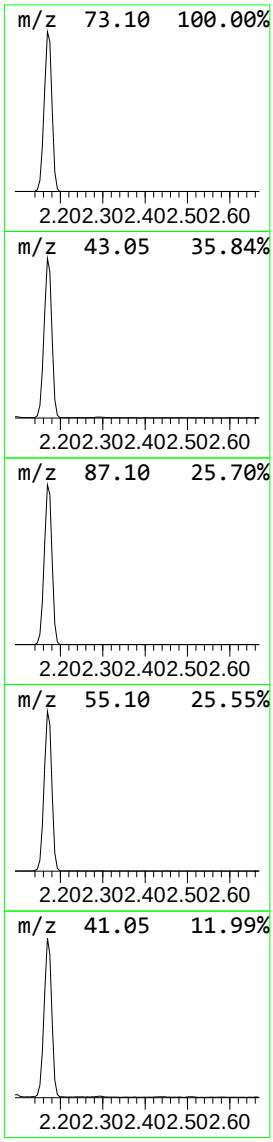
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.169	43.76 ng	3692930	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	32
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138256.D
Acq On : 19 Jun 2024 20:28
Operator : CG\JU
Sample : P2940-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-061824

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

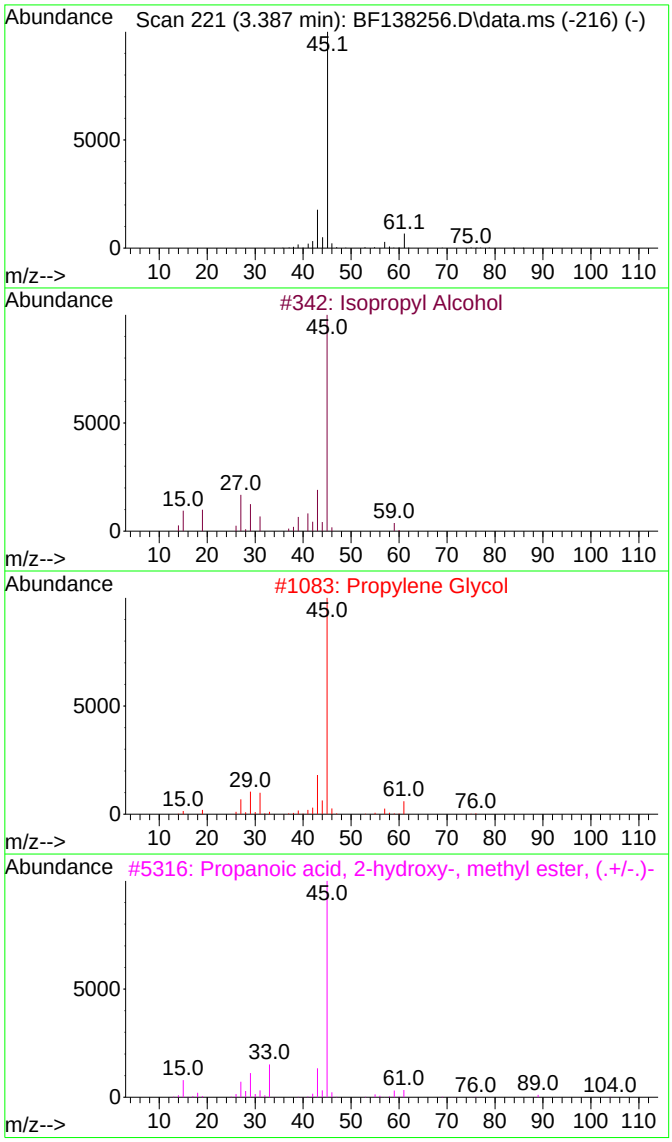
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

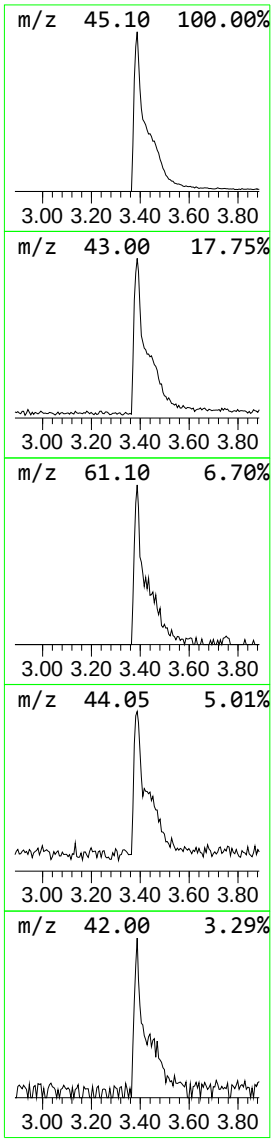
****

Peak Number 2 Isopropyl Alcohol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.387	5.66 ng	477393	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
2	Propylene Glycol	76	C3H8O2	000057-55-6	43
3	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	9
4	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	9
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138256.D
Acq On : 19 Jun 2024 20:28
Operator : CG\JU
Sample : P2940-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-061824

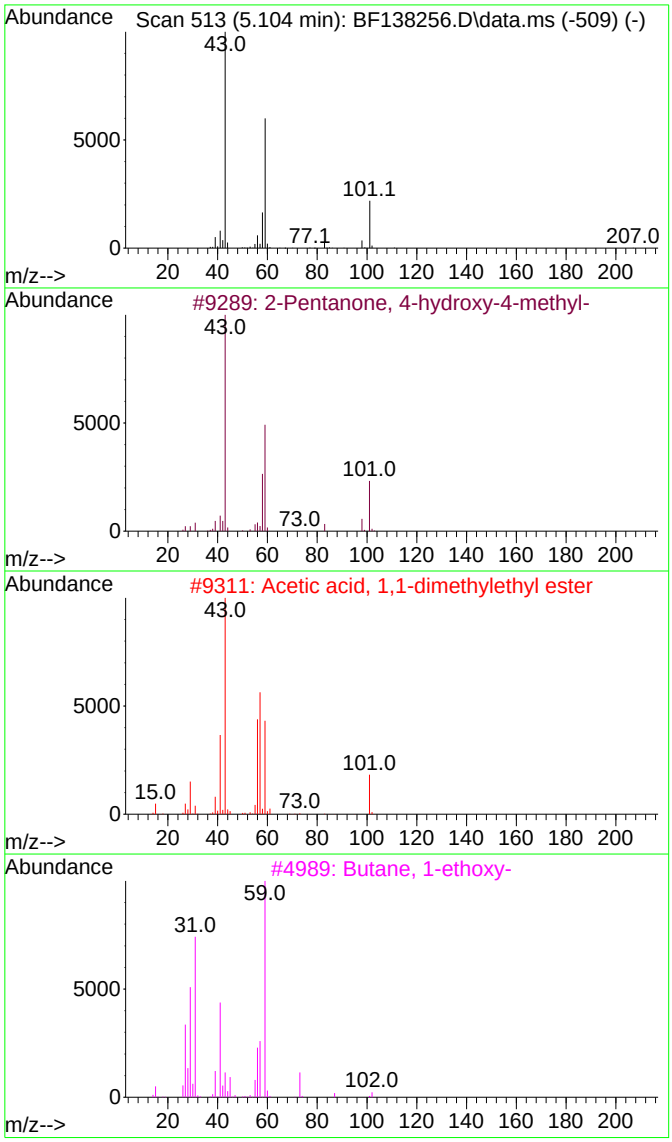
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

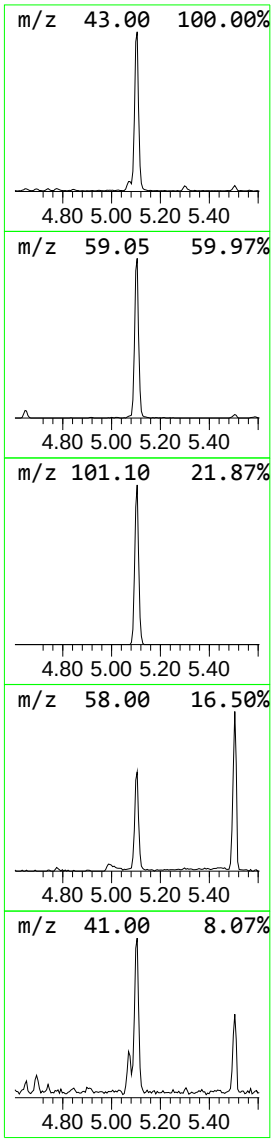
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.104	3.70 ng	312318	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138256.D
Acq On : 19 Jun 2024 20:28
Operator : CG\JU
Sample : P2940-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-061824

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

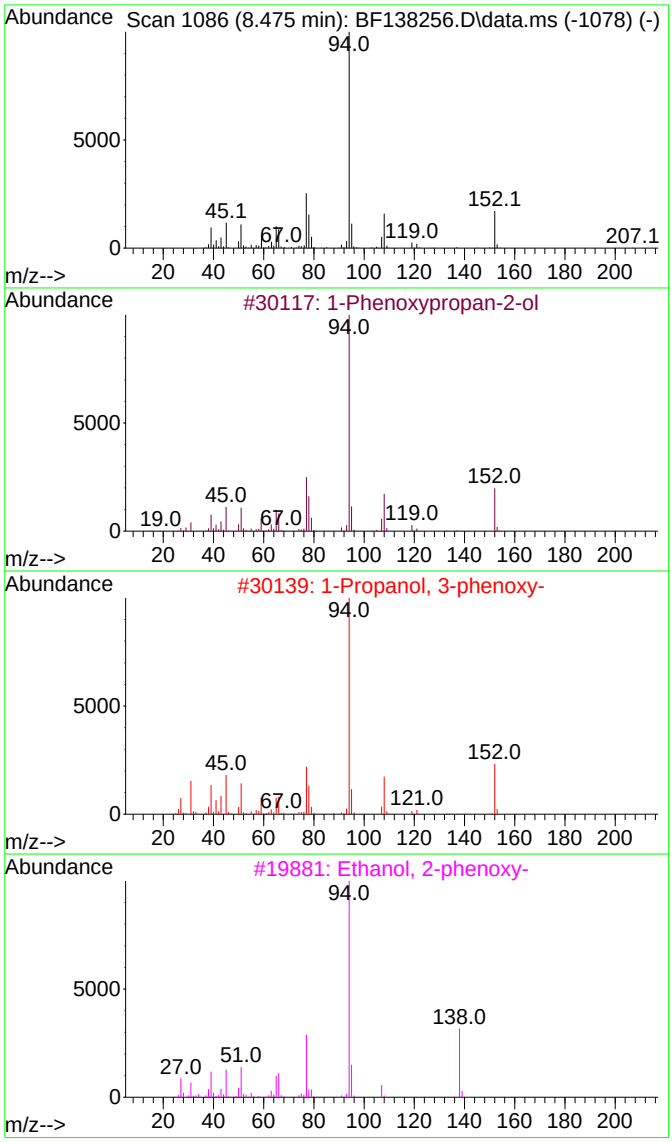
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

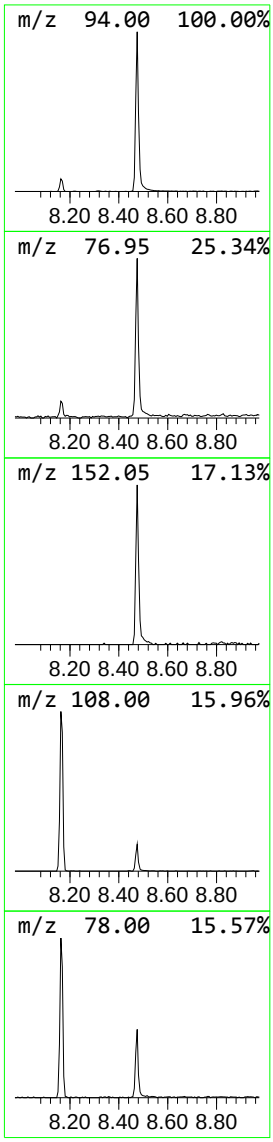
****

Peak Number 4 1-Phenoxypropan-2-ol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.475	3.53 ng	330704	Naphthalene-d8	8.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
2	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	90
3	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	64
4	Carbonic acid, neopentyl phenyl ...	208	C12H16O3	013183-19-2	64
5	1-Propanol, 2-phenoxy-	152	C9H12O2	004169-04-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138256.D
Acq On : 19 Jun 2024 20:28
Operator : CG\JU
Sample : P2940-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-061824

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

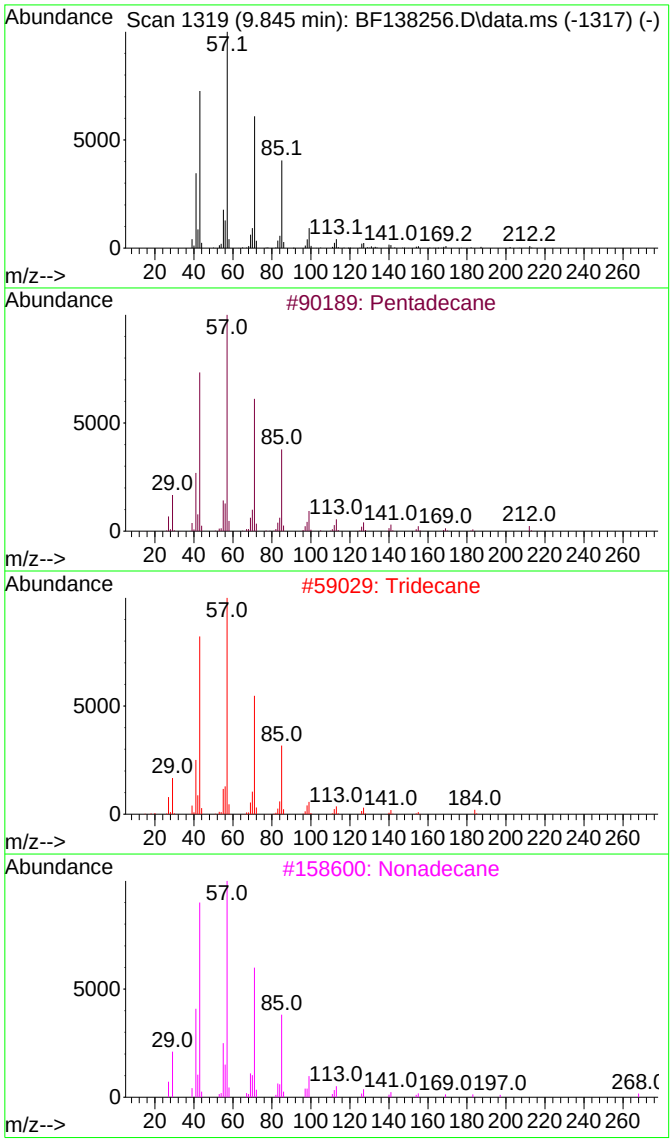
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

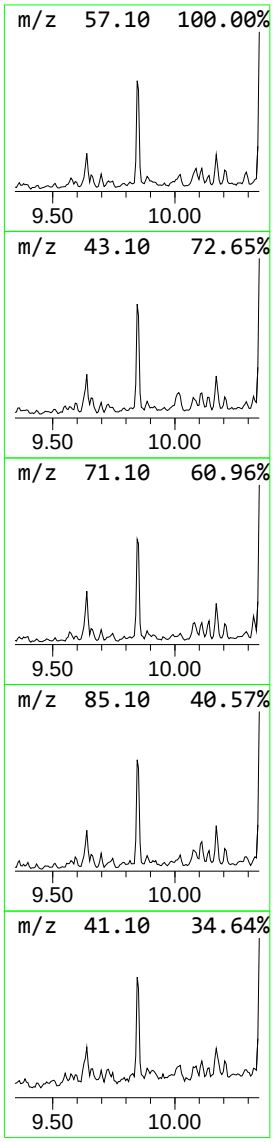
****

Peak Number 5 Pentadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.845	3.04 ng	257378	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138256.D
Acq On : 19 Jun 2024 20:28
Operator : CG\JU
Sample : P2940-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-061824

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

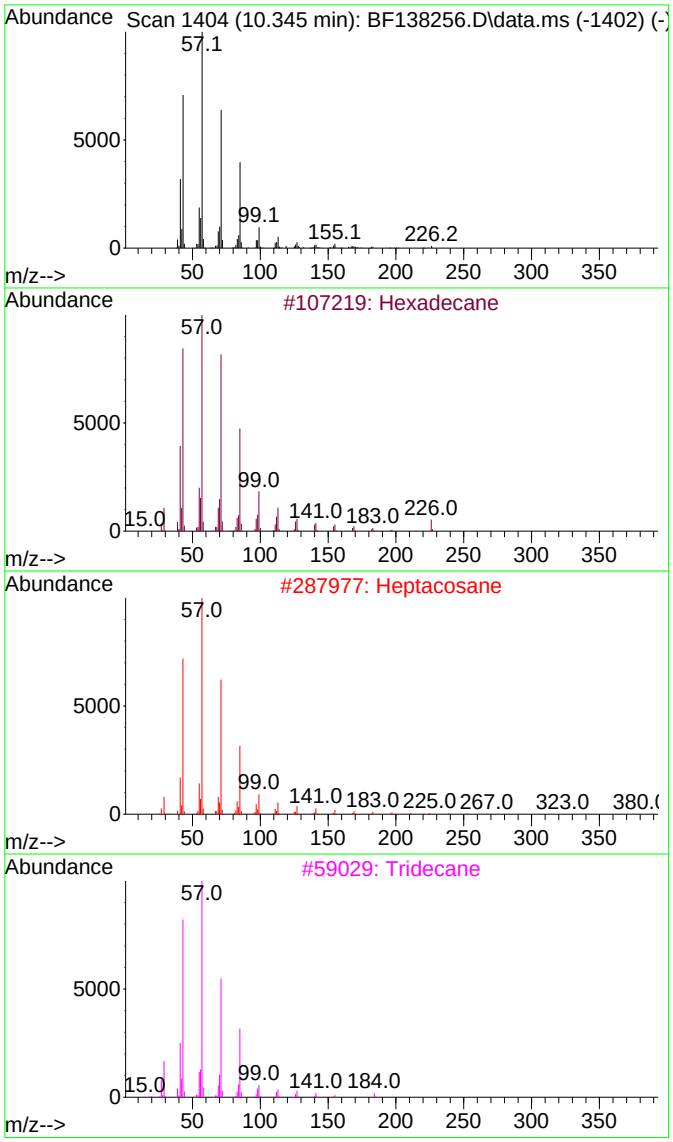
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

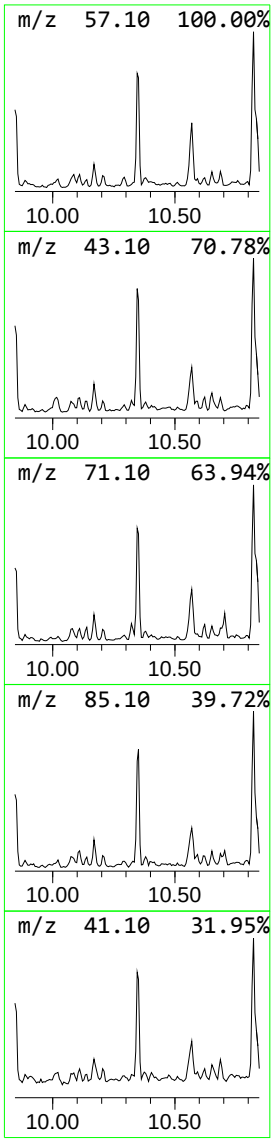
****

Peak Number 6 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.345	4.55 ng	384449	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Heptacosane	380	C27H56	000593-49-7	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
5	Heptadecane	240	C17H36	000629-78-7	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138256.D
Acq On : 19 Jun 2024 20:28
Operator : CG\JU
Sample : P2940-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-061824

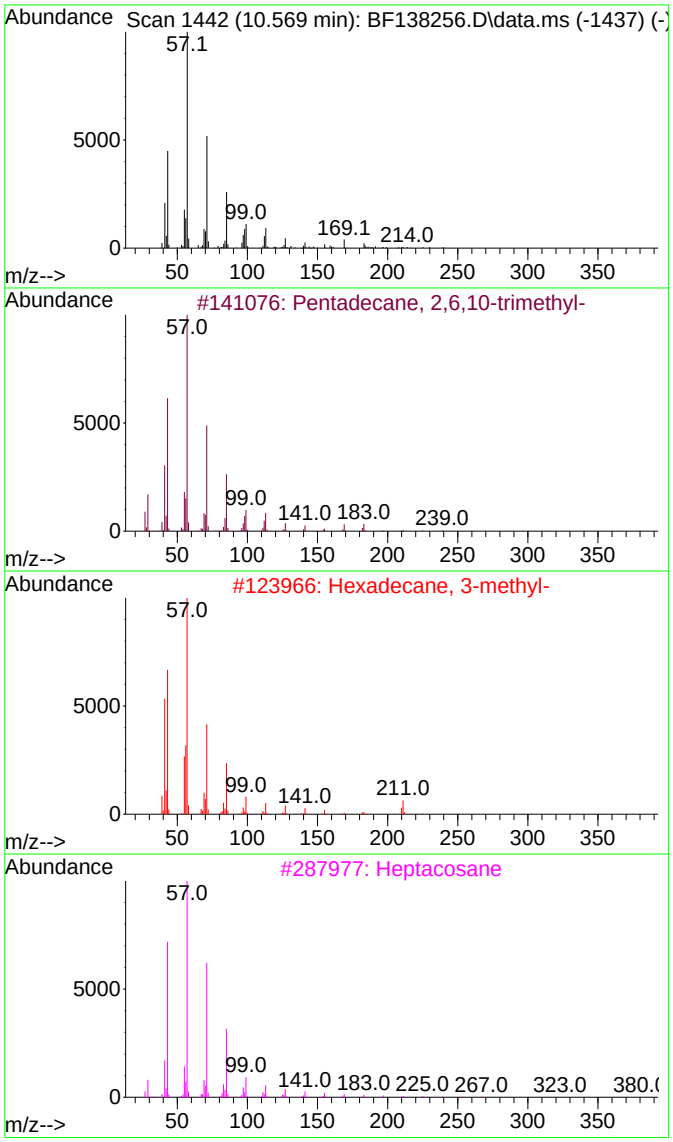
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

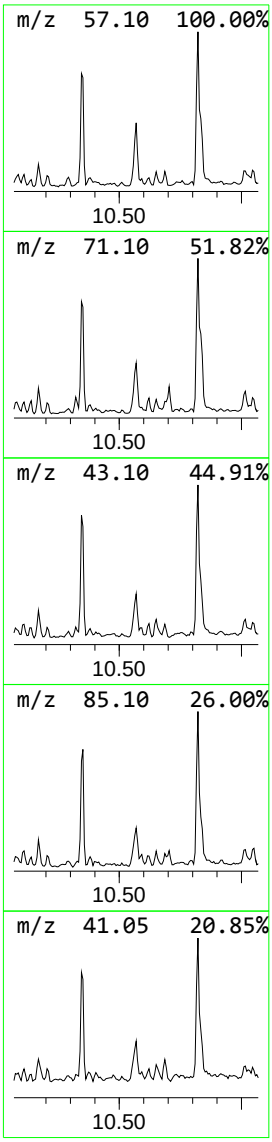
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Pentadecane, 2,6,10-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.569	3.39 ng	286748	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	87
3	Heptacosane	380	C27H56	000593-49-7	86
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5	Tetracosane	338	C24H50	000646-31-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138256.D
Acq On : 19 Jun 2024 20:28
Operator : CG\JU
Sample : P2940-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-061824

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

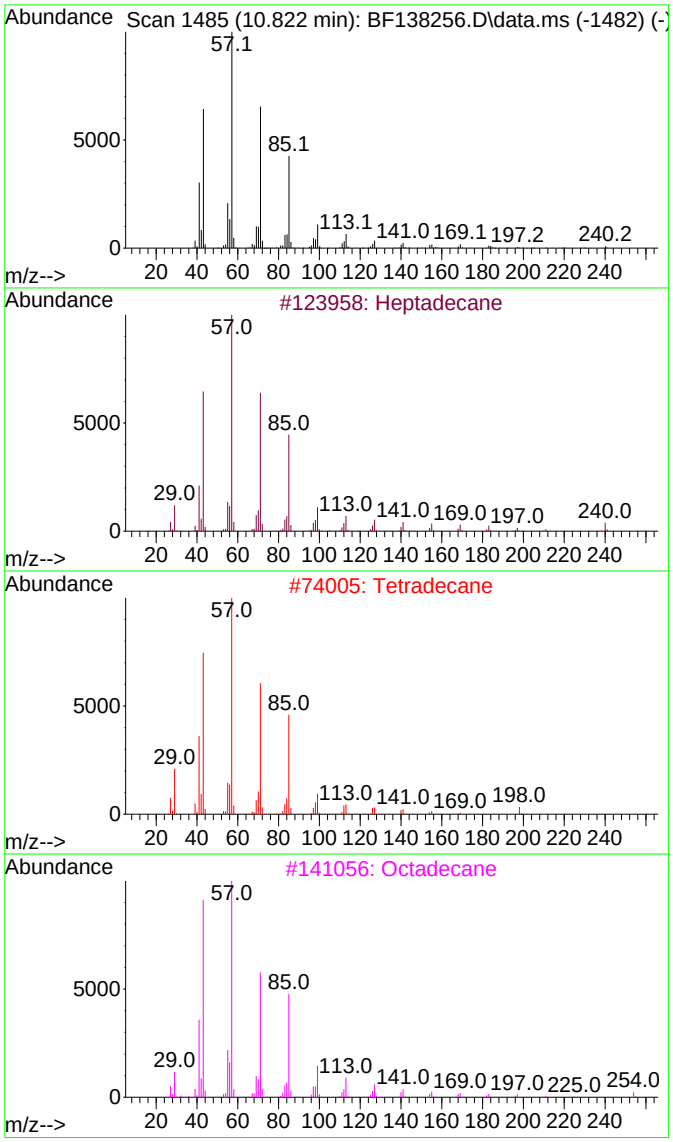
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

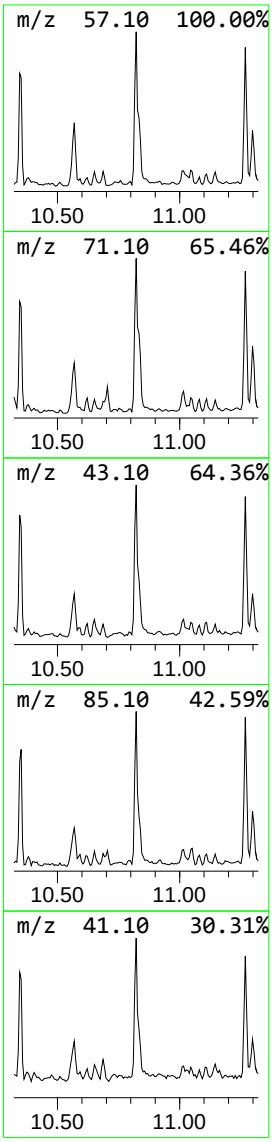
****

Peak Number 8 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.822	7.93 ng	705083	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Tetradecane	198	C14H30	000629-59-4	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Heneicosane	296	C21H44	000629-94-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138256.D
Acq On : 19 Jun 2024 20:28
Operator : CG\JU
Sample : P2940-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-061824

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

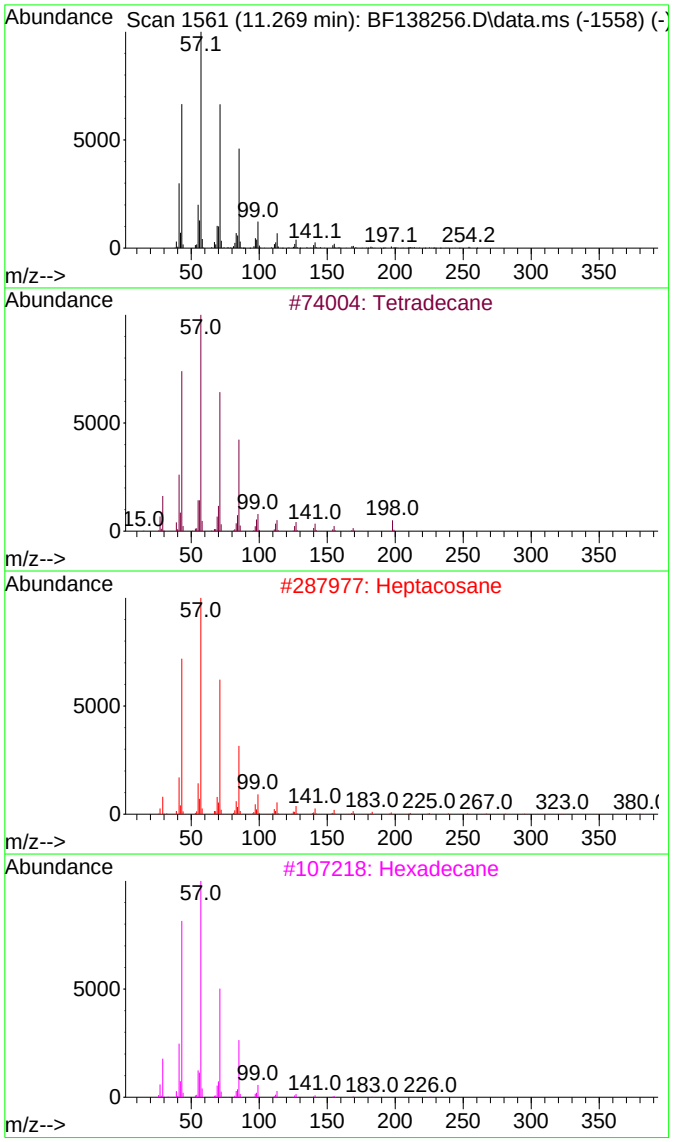
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

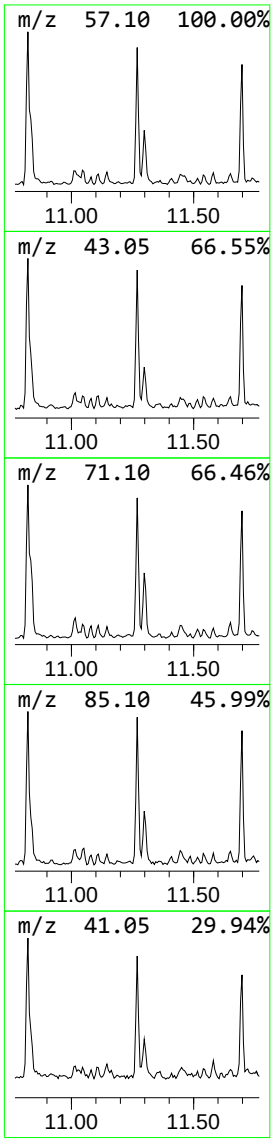
****

Peak Number 9 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.269	5.02 ng	446454	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138256.D
Acq On : 19 Jun 2024 20:28
Operator : CG\JU
Sample : P2940-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-061824

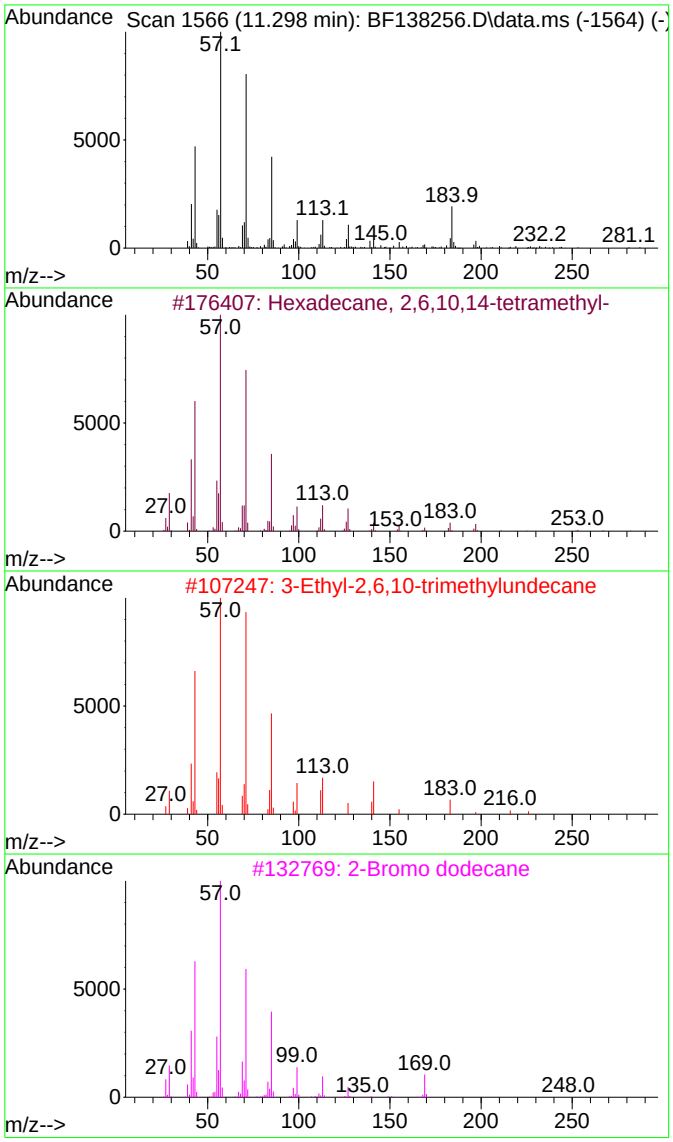
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

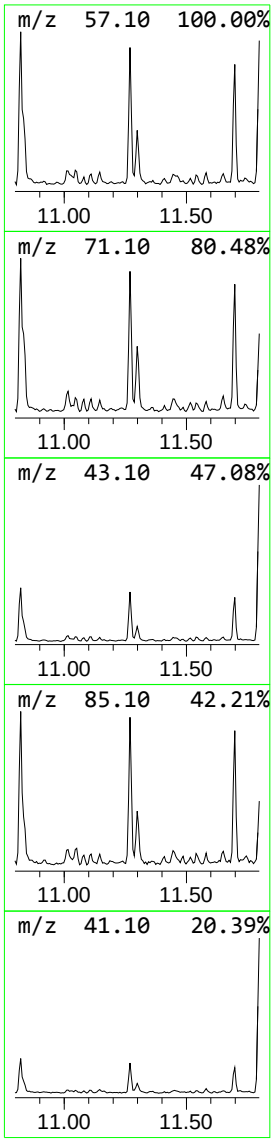
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Hexadecane, 2,6,10,14-tetra... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.298	3.01 ng	267468	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
2	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	81
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138256.D
Acq On : 19 Jun 2024 20:28
Operator : CG\JU
Sample : P2940-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-061824

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

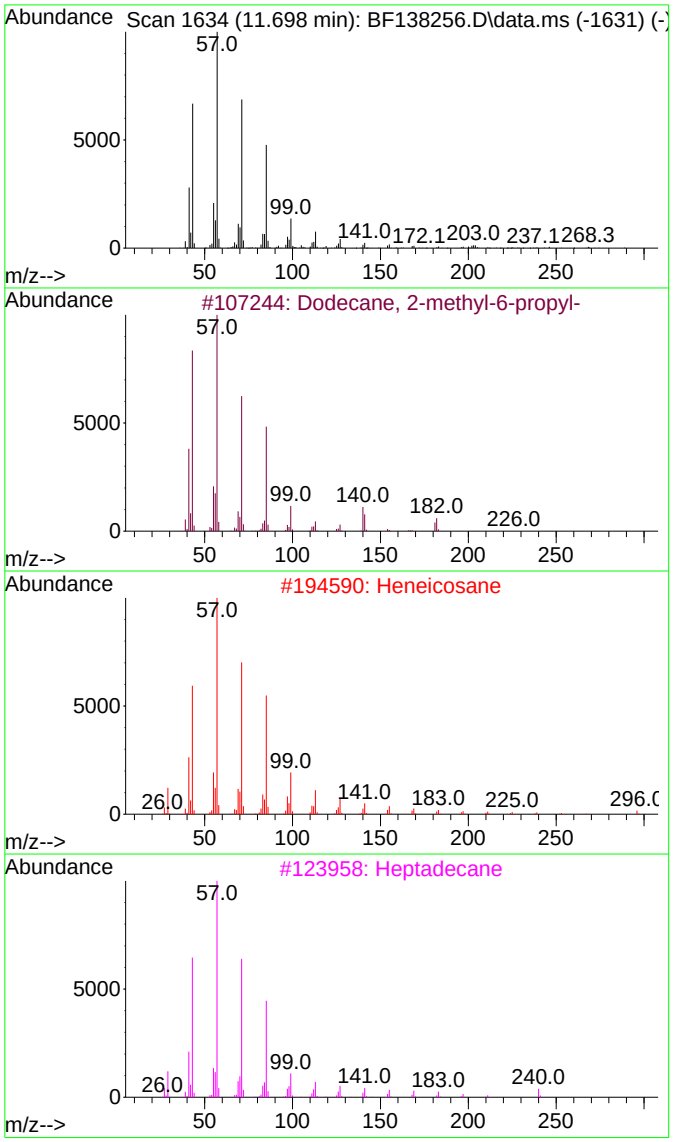
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

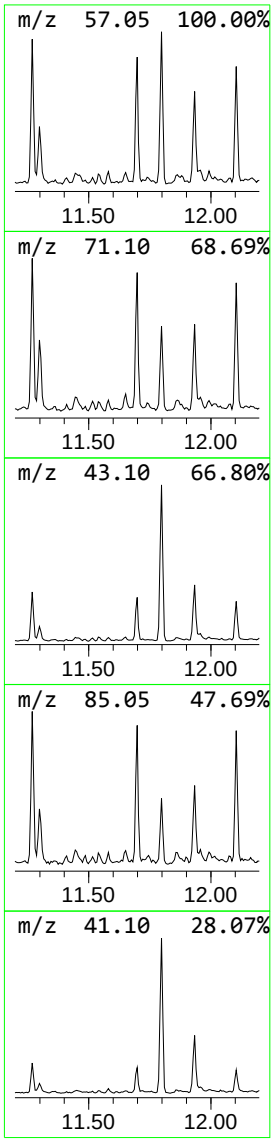
****

Peak Number 11 Dodecane, 2-methyl-6-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.698	4.33 ng	385354	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138256.D
Acq On : 19 Jun 2024 20:28
Operator : CG\JU
Sample : P2940-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-061824

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

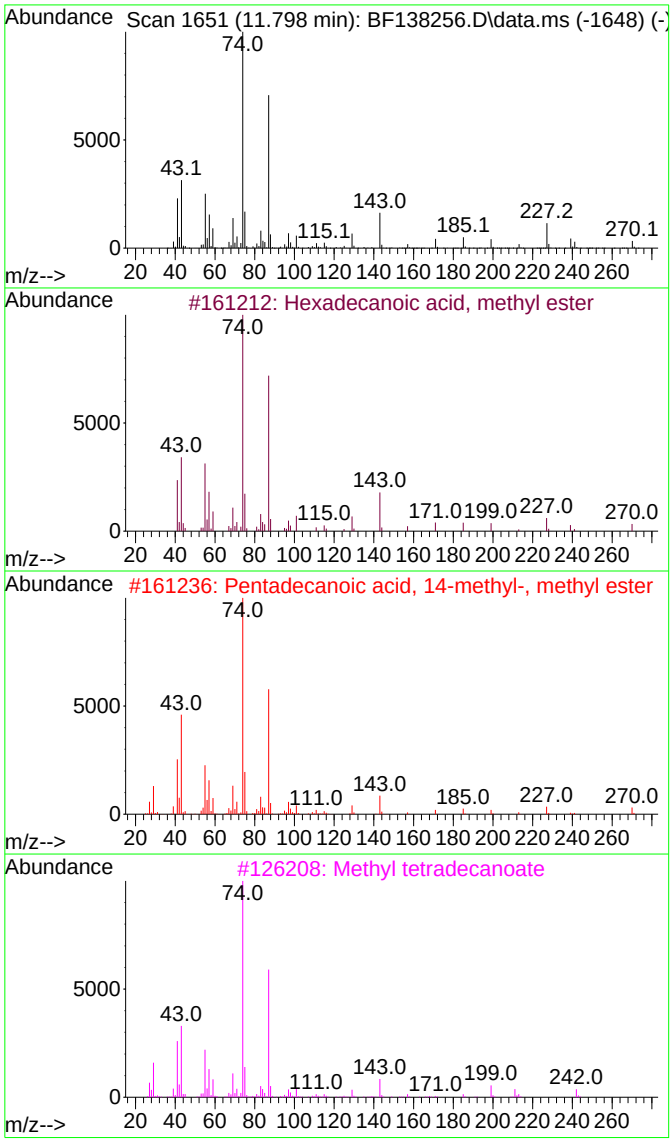
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

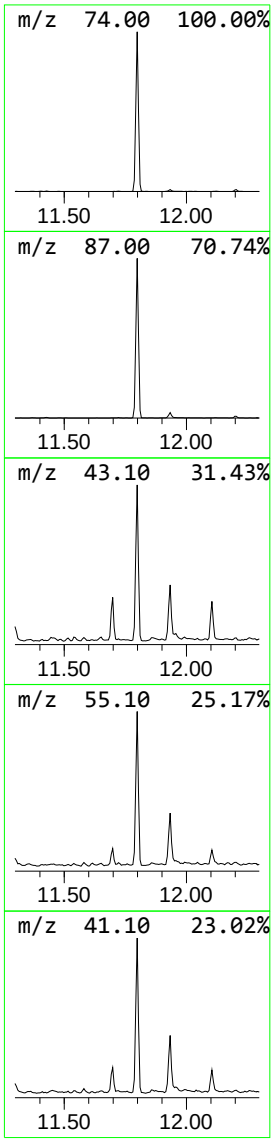
****

Peak Number 12 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.798	33.32 ng	2962530	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138256.D
Acq On : 19 Jun 2024 20:28
Operator : CG\JU
Sample : P2940-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-061824

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

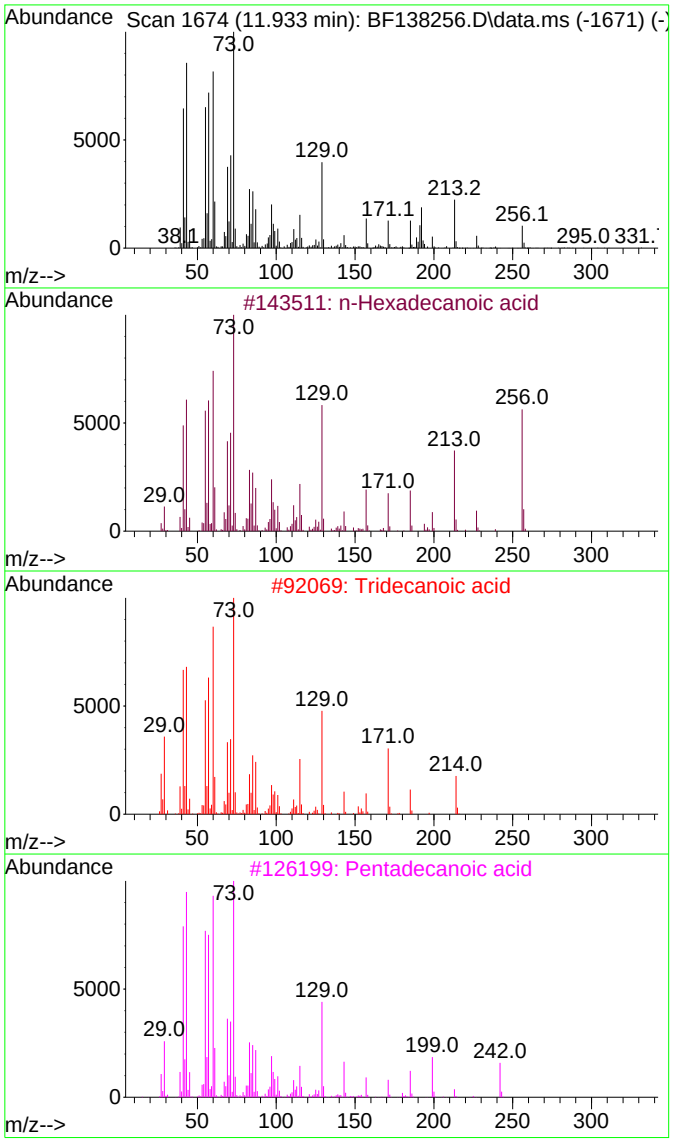
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

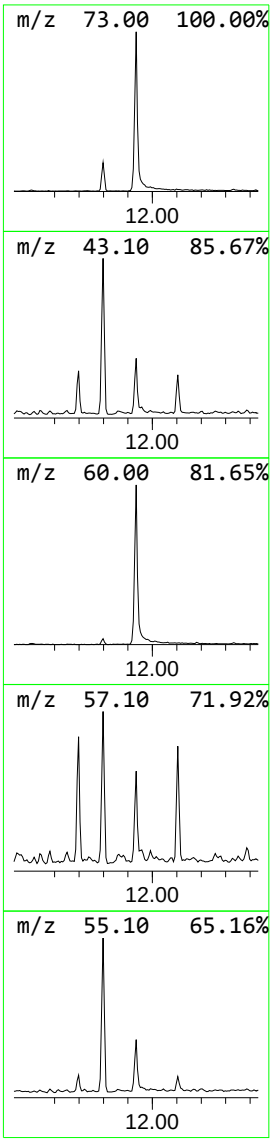
****

Peak Number 13 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	11.76 ng	1045540	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138256.D
Acq On : 19 Jun 2024 20:28
Operator : CG\JU
Sample : P2940-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-061824

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

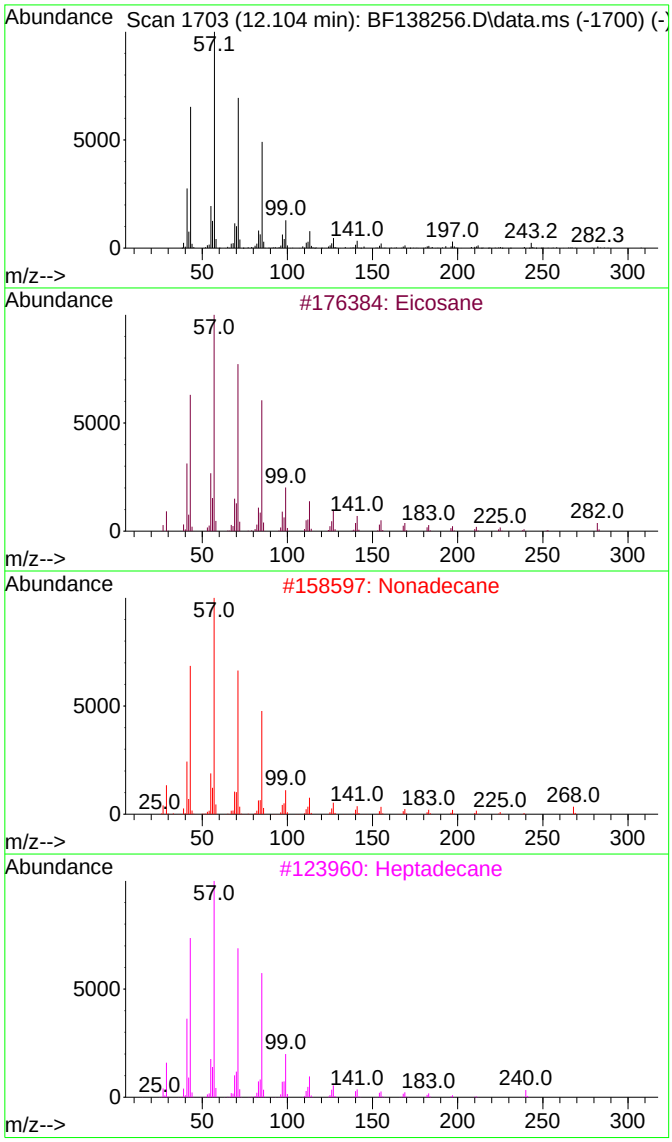
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

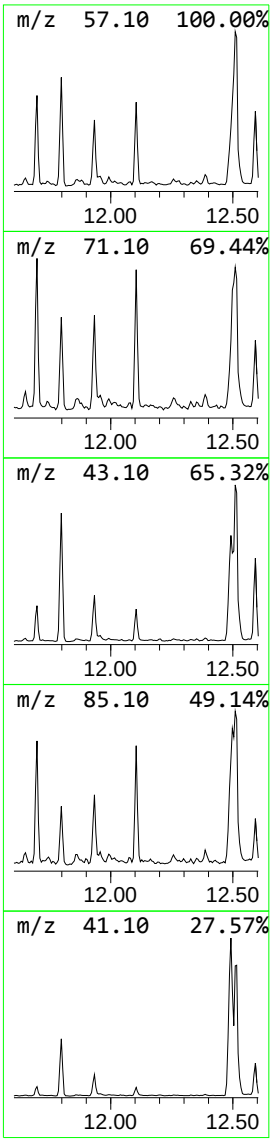
****

Peak Number 14 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	4.71 ng	419150	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Tetradecane	198	C14H30	000629-59-4	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138256.D
Acq On : 19 Jun 2024 20:28
Operator : CG\JU
Sample : P2940-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-061824

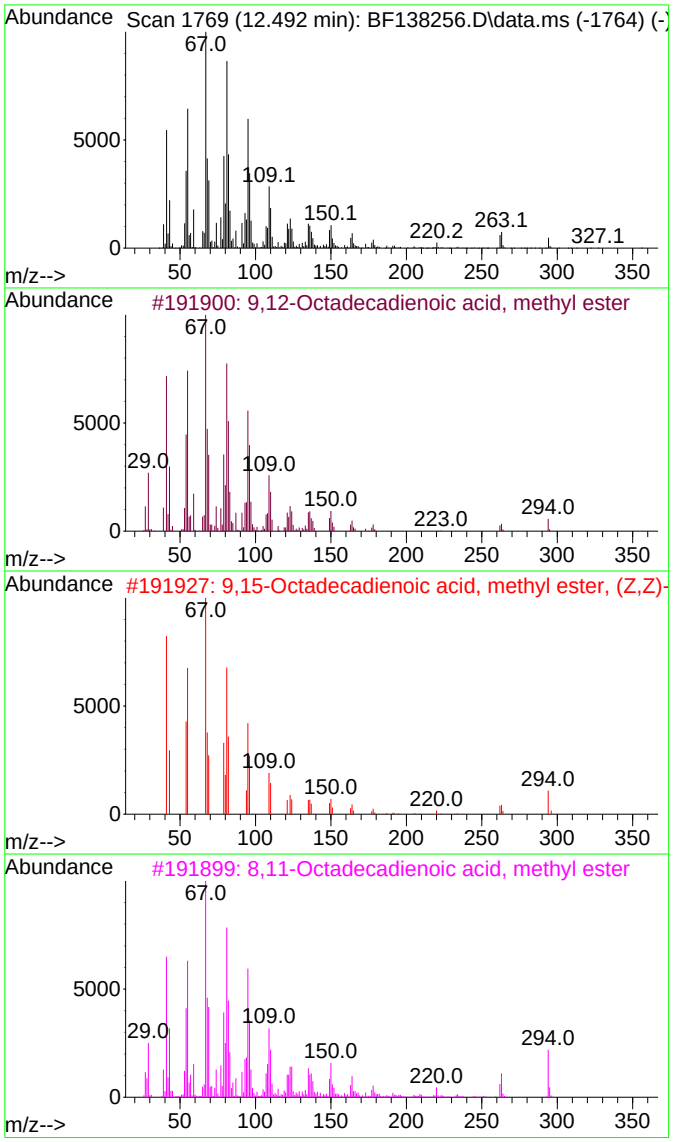
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

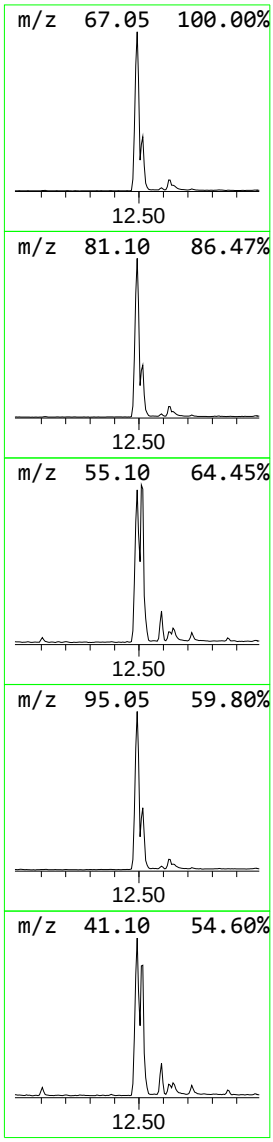
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.492	145.01 ng	12891900	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138256.D
Acq On : 19 Jun 2024 20:28
Operator : CG\JU
Sample : P2940-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-061824

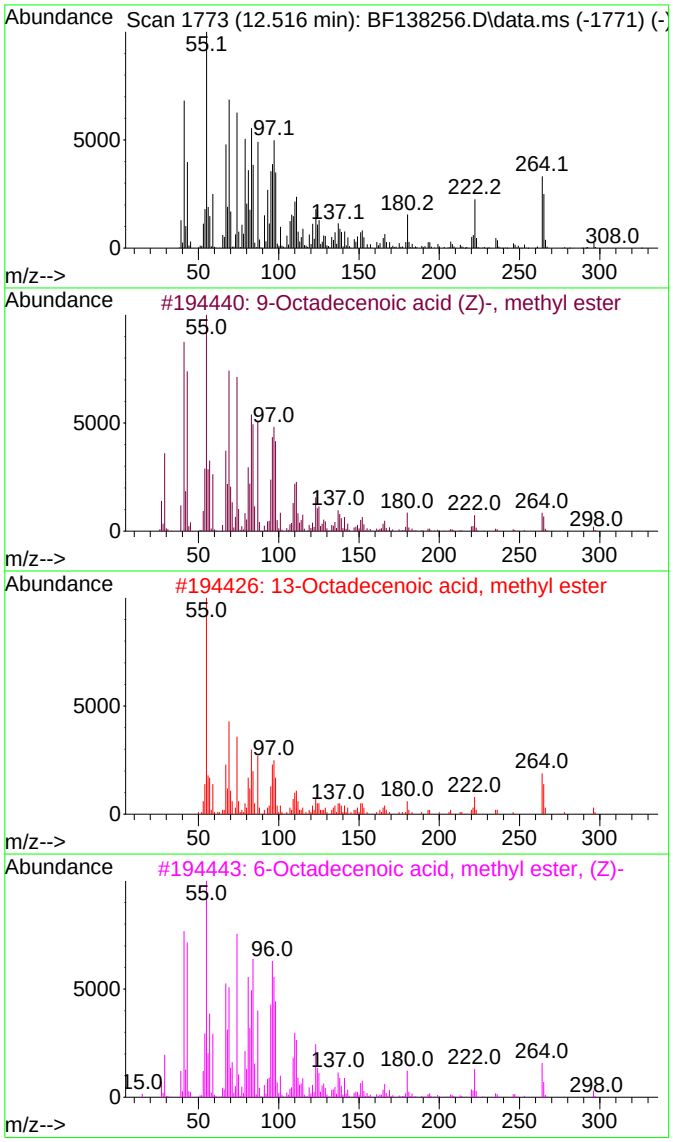
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

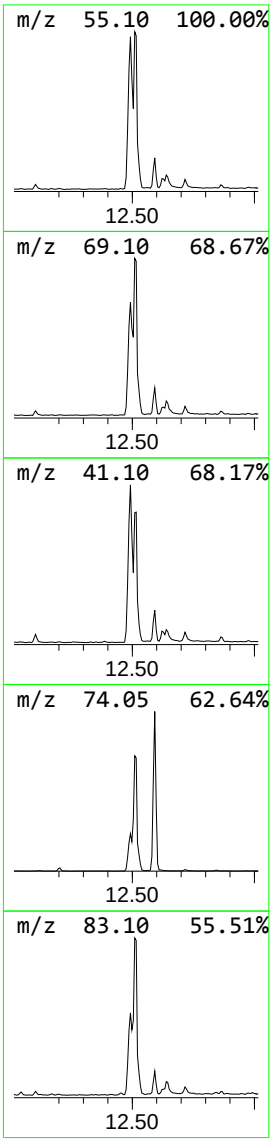
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.516	91.15 ng	8103690	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	98
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	97
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138256.D
Acq On : 19 Jun 2024 20:28
Operator : CG\JU
Sample : P2940-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-061824

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

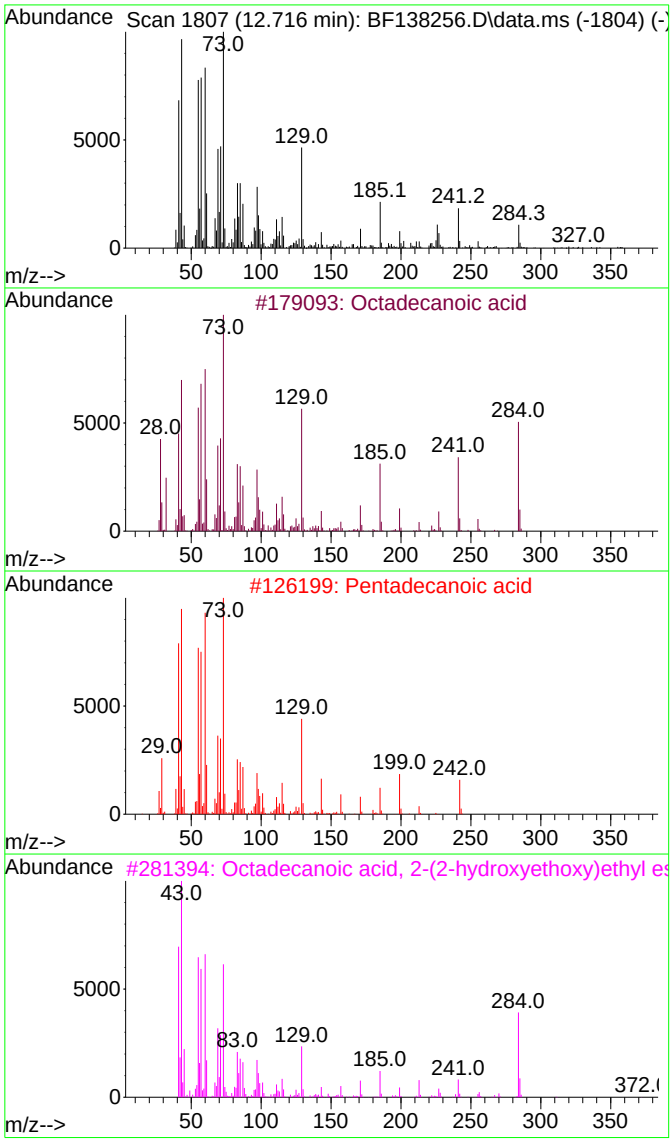
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

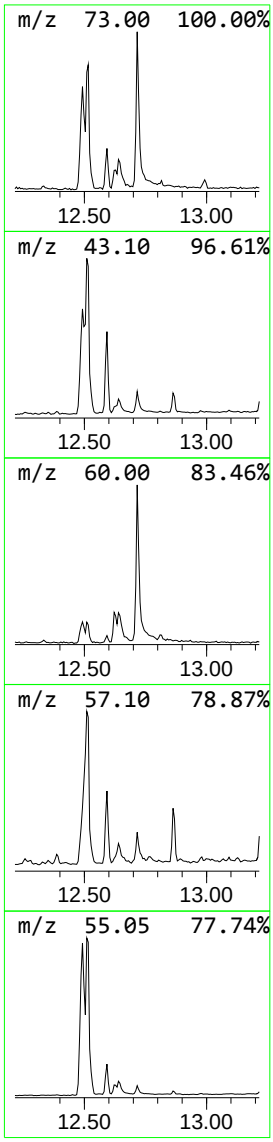
****

Peak Number 17 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.716	6.37 ng	566652	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
4	Docosanoic acid	340	C22H44O2	000112-85-6	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138256.D
Acq On : 19 Jun 2024 20:28
Operator : CG\JU
Sample : P2940-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-061824

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

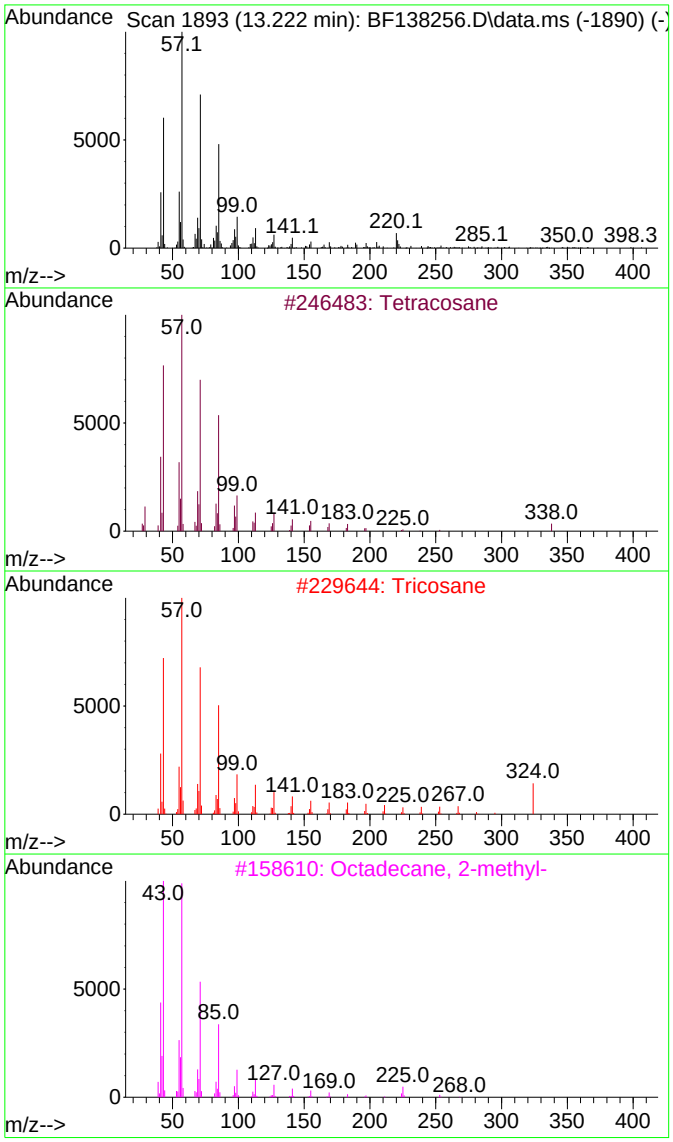
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

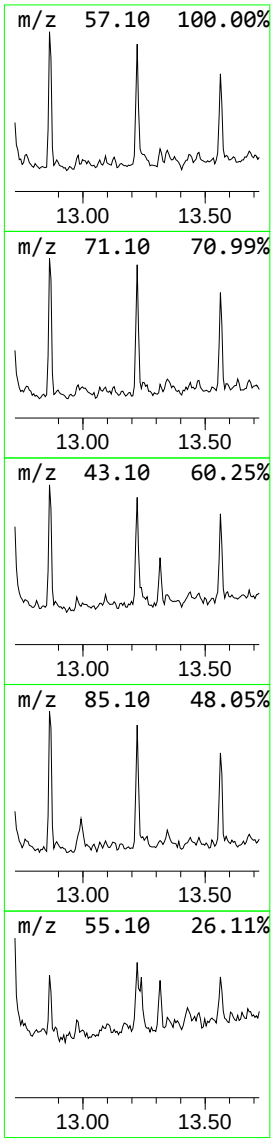
****

Peak Number 18 Tetracosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.222	4.55 ng	285758	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Tricosane	324	C23H48	000638-67-5	94
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5	Heptadecane	240	C17H36	000629-78-7	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138256.D
Acq On : 19 Jun 2024 20:28
Operator : CG\JU
Sample : P2940-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-061824

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

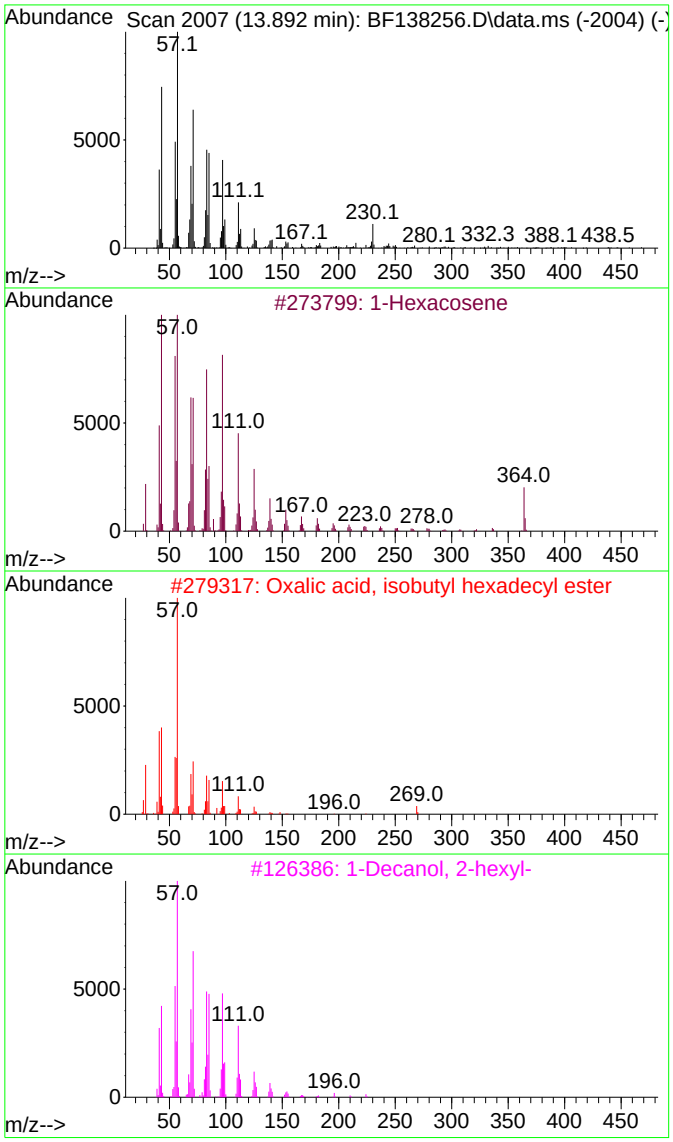
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

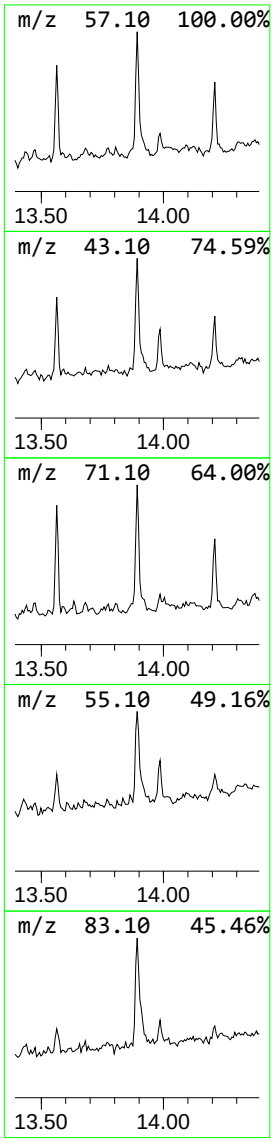
****

Peak Number 19 1-Hexacosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	9.43 ng	592287	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	96
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
4	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91
5	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138256.D
Acq On : 19 Jun 2024 20:28
Operator : CG\JU
Sample : P2940-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-061824

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

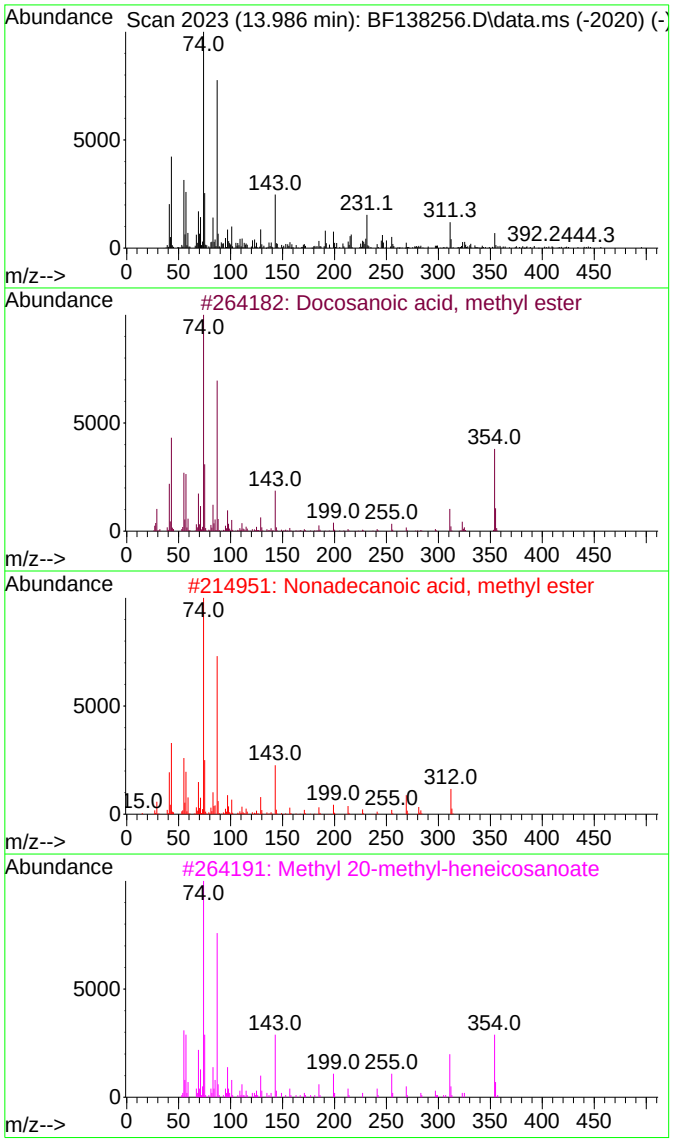
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

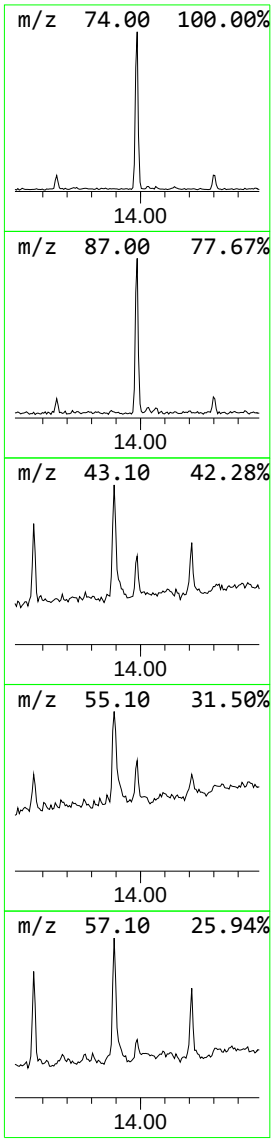
****

Peak Number 20 Docosanoic acid, methyl ester Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.986	3.19 ng	200624	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	95
2	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	90
3	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	89
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	81
5	Methyl stearate	298	C19H38O2	000112-61-8	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138256.D
Acq On : 19 Jun 2024 20:28
Operator : CG\JU
Sample : P2940-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-03-061824

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.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...	2.169	43.8	ng	3692930	1	6.887	1687860	20.0
Isopropyl Alcohol	3.387	5.7	ng	477393	1	6.887	1687860	20.0
2-Pentanone, 4-...	5.104	3.7	ng	312318	1	6.887	1687860	20.0
1-Phenoxypropan...	8.475	3.5	ng	330704	2	8.163	1875400	20.0
Pentadecane	9.845	3.0	ng	257378	3	9.922	1691400	20.0
Hexadecane	10.345	4.5	ng	384449	3	9.922	1691400	20.0
Pentadecane, 2,...	10.569	3.4	ng	286748	3	9.922	1691400	20.0
Heptadecane	10.822	7.9	ng	705083	4	11.404	1778030	20.0
Tetradecane	11.269	5.0	ng	446454	4	11.404	1778030	20.0
Hexadecane, 2,6...	11.298	3.0	ng	267468	4	11.404	1778030	20.0
Dodecane, 2-met...	11.698	4.3	ng	385354	4	11.404	1778030	20.0
Hexadecanoic ac...	11.798	33.3	ng	2962530	4	11.404	1778030	20.0
n-Hexadecanoic ...	11.933	11.8	ng	1045540	4	11.404	1778030	20.0
Eicosane	12.104	4.7	ng	419150	4	11.404	1778030	20.0
9,12-Octadecadi...	12.492	145.0	ng	12891900	4	11.404	1778030	20.0
9-Octadecenoic ...	12.516	91.2	ng	8103690	4	11.404	1778030	20.0
Octadecanoic acid	12.716	6.4	ng	566652	4	11.404	1778030	20.0
Tetracosane	13.222	4.5	ng	285758	5	14.045	1256740	20.0
1-Hexacosene	13.892	9.4	ng	592287	5	14.045	1256740	20.0
Docosanoic acid...	13.986	3.2	ng	200624	5	14.045	1256740	20.0