LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
Data File : BG060767.D
Acq On : 3 Apr 2024 18:12
Operator : MA/JU
Sample : P1958-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-207

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-BG032924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060767.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.099	12	19	26	rBV3	36042	93517	2.63%	0.401%
2	3.176	26	32	49	rVB	541959	968149	27.24%	4.154%
3	3.687	114	119	127	rBV	42296	70415	1.98%	0.302%
4	5.538	427	434	446	rBV	1208236	1948845	54.83%	8.363%
5	7.118	694	703	712	rBV	1029467	1729872	48.67%	7.423%
6	7.958	836	846	852	rBV	266199	430981	12.13%	1.849%
7	9.110	1034	1042	1049	rBV	633498	1083353	30.48%	4.649%
8	10.755	1314	1322	1330	rBV	336880	597403	16.81%	2.563%
9	13.211	1733	1740	1747	rBV	1514749	2305874	64.87%	9.895%
10	13.428	1770	1777	1784	rBV	20712	35932	1.01%	0.154%
11	14.503	1954	1960	1965	rBV	54725	75039	2.11%	0.322%
12	14.586	1966	1974	1982	rVV	541747	855520	24.07%	3.671%
13	14.815	2005	2013	2017	rVB4	28430	65476	1.84%	0.281%
14	15.455	2118	2122	2128	rVB	80497	97272	2.74%	0.417%
15	15.867	2185	2192	2197	rBV	31890	64580	1.82%	0.277%
16	16.072	2220	2227	2236	rVB	1350221	2041015	57.42%	8.758%
17	16.266	2256	2260	2264	rBV2	28184	41944	1.18%	0.180%
18	16.319	2265	2269	2273	rVV	103517	145128	4.08%	0.623%
19	16.348	2273	2274	2282	rVB3	36267	43314	1.22%	0.186%
20	17.118	2400	2405	2409	rBV	101710	125996	3.54%	0.541%
21	17.171	2410	2414	2421	rVB2	39589	68773	1.93%	0.295%
22	17.335	2435	2442	2446	rBV	690777	1091386	30.71%	4.683%
23	17.371	2446	2448	2454	rVB	88336	118267	3.33%	0.507%
24	17.858	2527	2531	2535	rBV	94906	112640	3.17%	0.483%
25	18.246	2592	2597	2605	rBV	559636	727674	20.47%	3.122%
26	18.399	2620	2623	2627	rBV5	25140	36564	1.03%	0.157%
27	18.552	2645	2649	2654	rVB	81720	102080	2.87%	0.438%
28	19.186	2752	2757	2763	rBV	86300	152241	4.28%	0.653%
29	19.398	2785	2793	2803	rBV2	403009	983462	27.67%	4.220%
30	19.521	2810	2814	2821	rBV	299164	411284	11.57%	1.765%
31	19.750	2848	2853	2858	rVB2	205130	351035	9.88%	1.506%
32	19.956	2883	2888	2898	rVB	2645712	3554404	100.00%	15.252%
33	20.291	2942	2945	2950	rBV	70091	86765	2.44%	0.372%
34	21.278	3110	3113	3120	rVB4	131688	226812	6.38%	0.973%
35	21.595	3161	3167	3172	rBV2	753376	1283892	36.12%	5.509%
36	24.739	3694	3702	3716	rVB	426627	1177553	33.13%	5.053%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
Data File : BG060767.D
Acq On : 3 Apr 2024 18:12
Operator : MA/JU
Sample : P1958-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-207

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-BG032924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

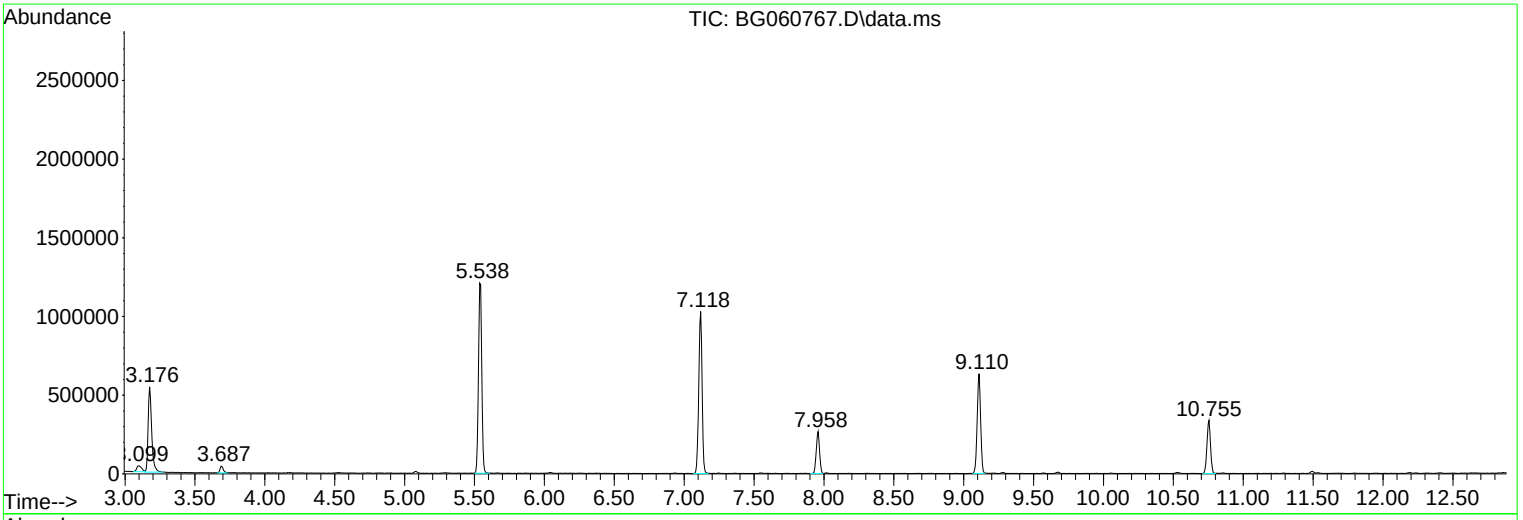
Sum of corrected areas: 23304457

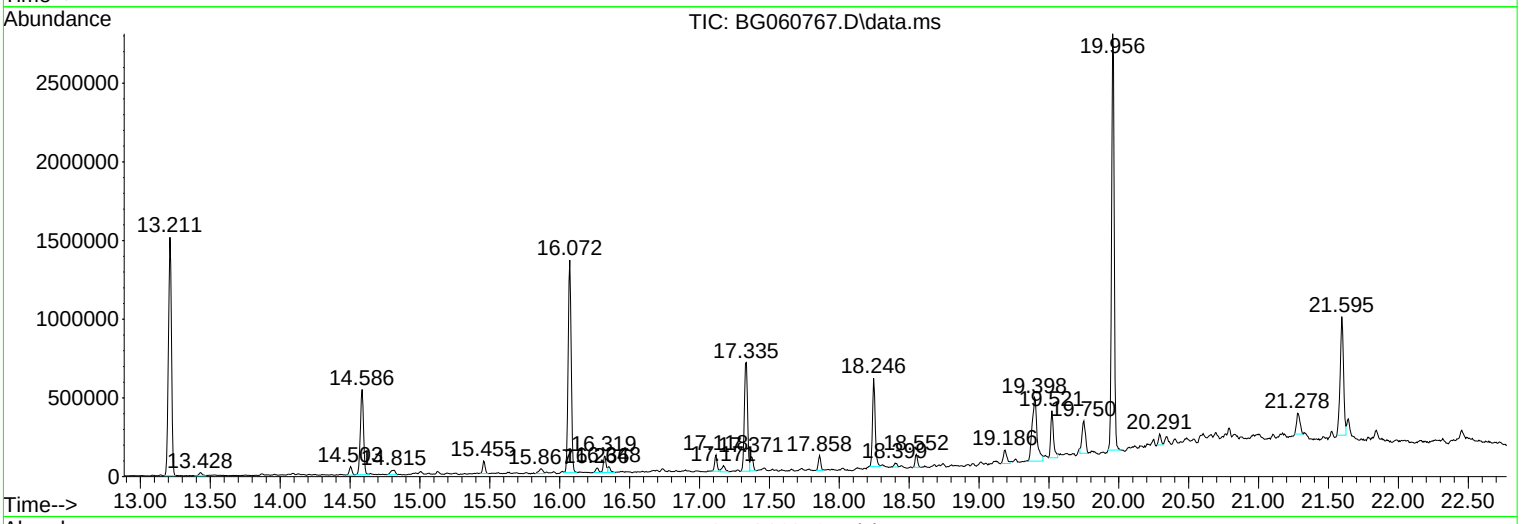
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
Data File : BG060767.D
Acq On : 3 Apr 2024 18:12
Operator : MA/JU
Sample : P1958-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

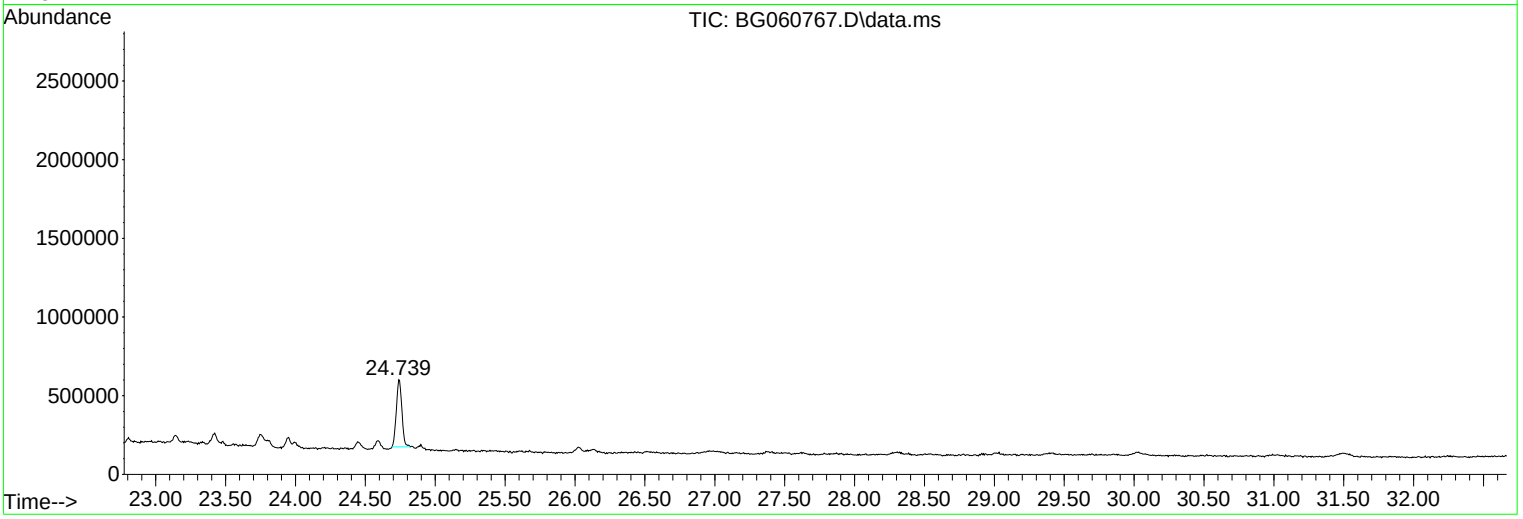
Instrument :
BNA_G
ClientSampleId :
VNJ-207

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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\BG040324\
Data File : BG060767.D
Acq On : 3 Apr 2024 18:12
Operator : MA/JU
Sample : P1958-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-207

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

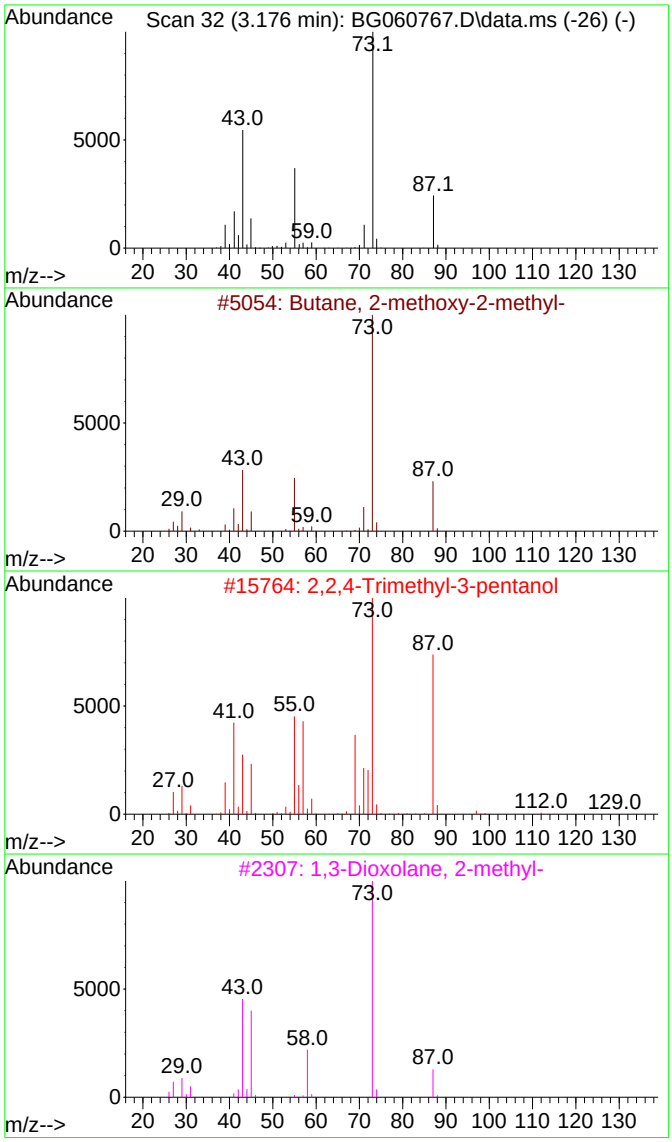
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

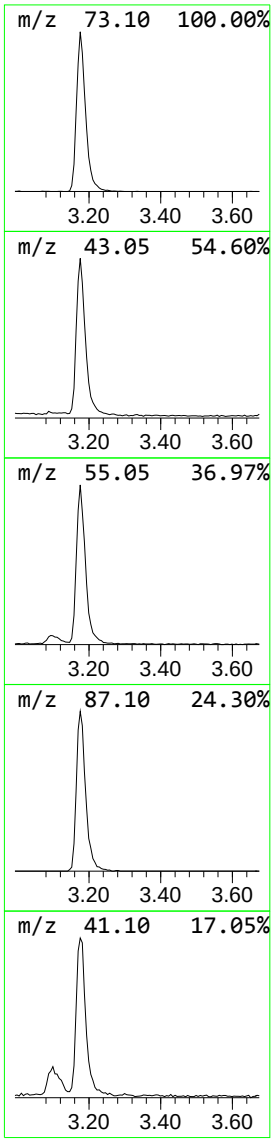
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.176	44.93 ng	968149	1,4-Dichlorobenzene-d4	7.958

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
Data File : BG060767.D
Acq On : 3 Apr 2024 18:12
Operator : MA/JU
Sample : P1958-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-207

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

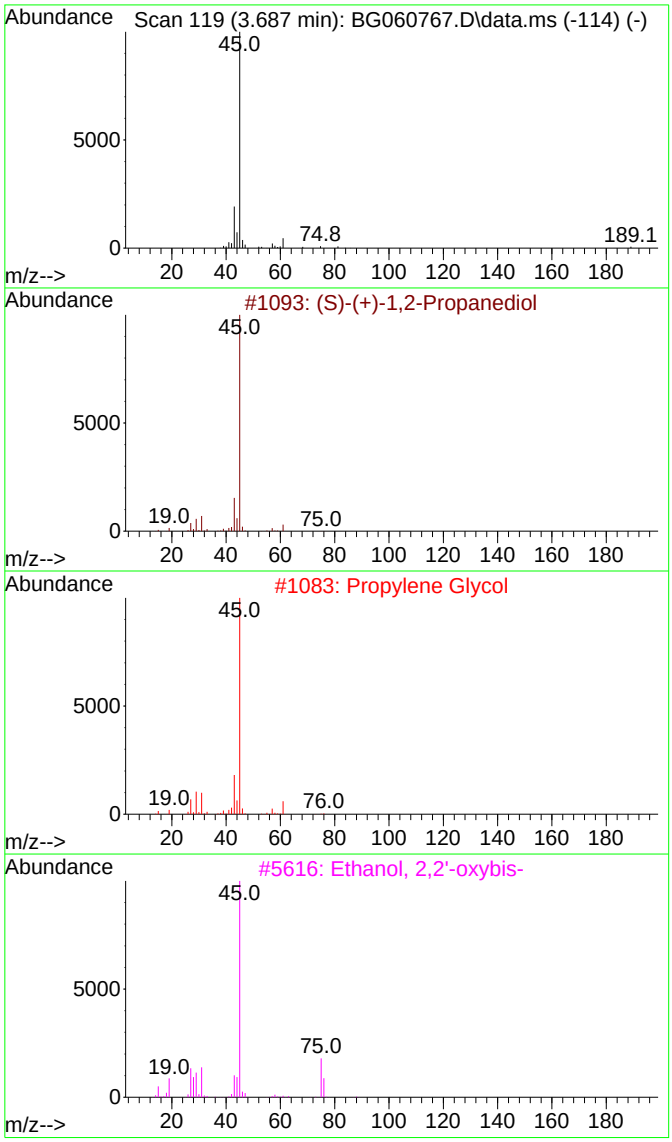
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

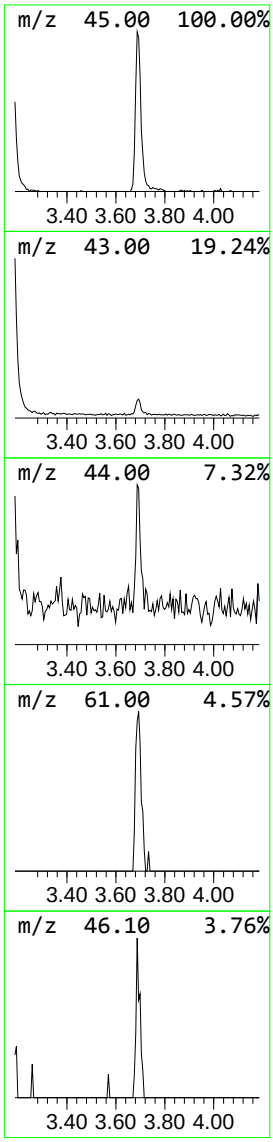
****

Peak Number 3 (S)-(+)-1,2-Propanediol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.687	3.27 ng	70415	1,4-Dichlorobenzene-d4	7.958

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	56
2	Propylene Glycol	76	C3H8O2	000057-55-6	43
3	Ethanol, 2,2'-oxybis-	106	C4H10O3	000111-46-6	40
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	Ethane, 1,1-diethoxy-	118	C6H14O2	000105-57-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
Data File : BG060767.D
Acq On : 3 Apr 2024 18:12
Operator : MA/JU
Sample : P1958-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-207

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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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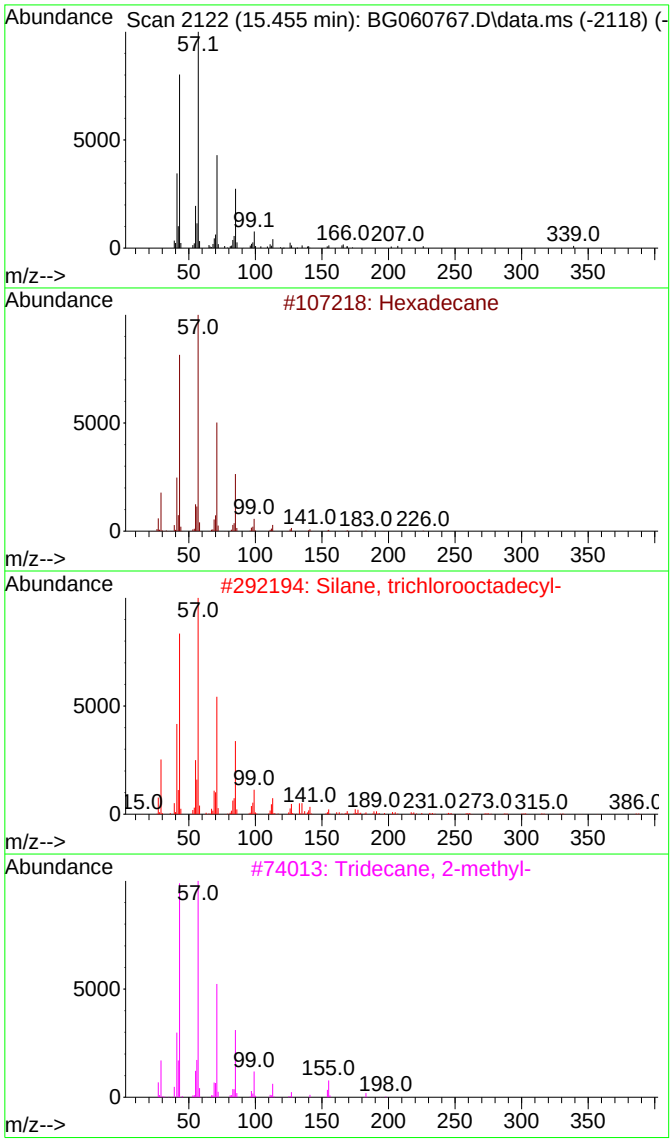
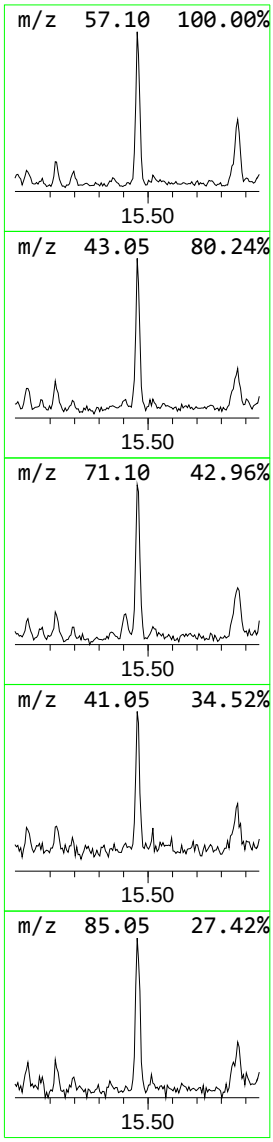
Peak Number 4 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.455	2.27 ng	97272	Acenaphthene-d10	14.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	83
3	Tridecane, 2-methyl-	198	C14H30	001560-96-9	78
4	1-Iodoundecane	282	C11H23I	004282-44-4	78
5	Heptadecane	240	C17H36	000629-78-7	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
Data File : BG060767.D
Acq On : 3 Apr 2024 18:12
Operator : MA/JU
Sample : P1958-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-207

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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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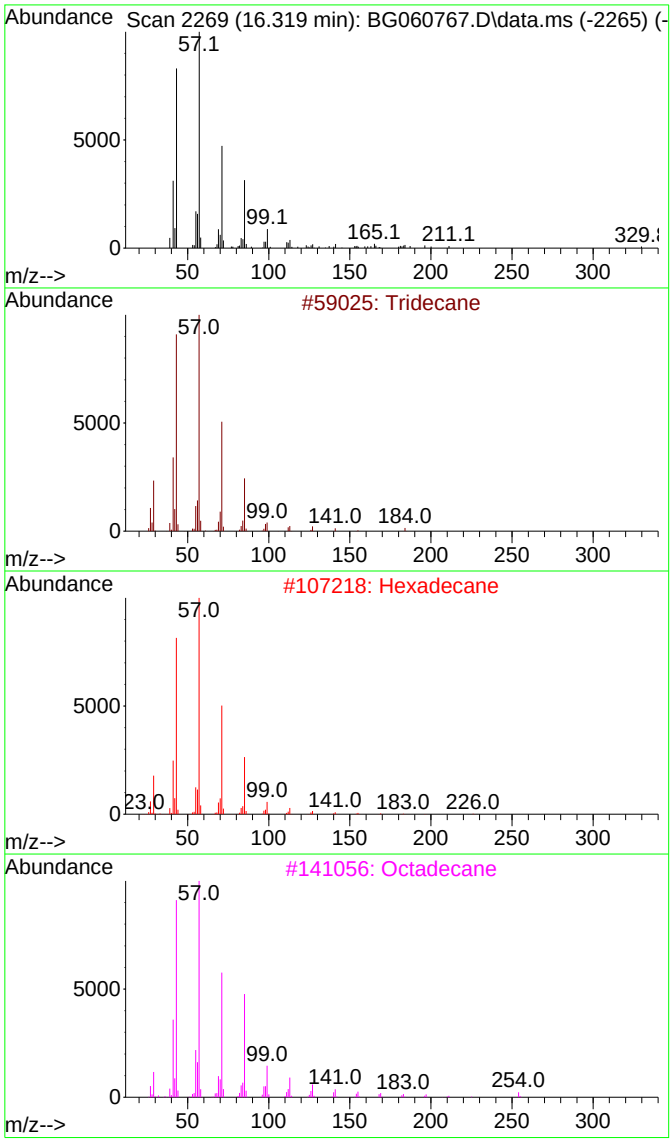
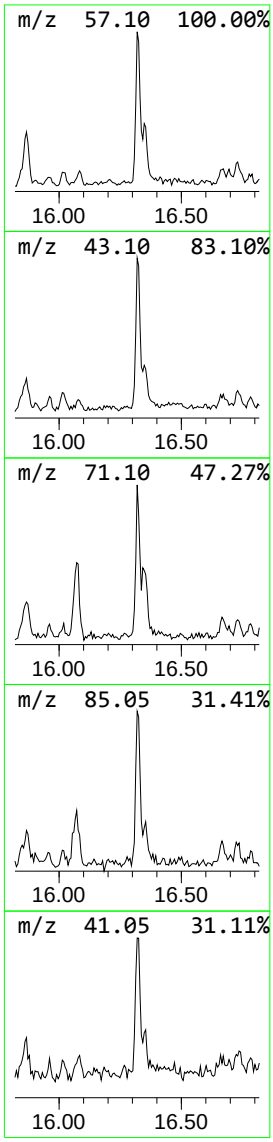
Peak Number 5 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.319	2.66 ng	145128	Phenanthrene-d10	17.336

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Octadecane	254	C18H38	000593-45-3	80
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	80
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
Data File : BG060767.D
Acq On : 3 Apr 2024 18:12
Operator : MA/JU
Sample : P1958-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-207

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

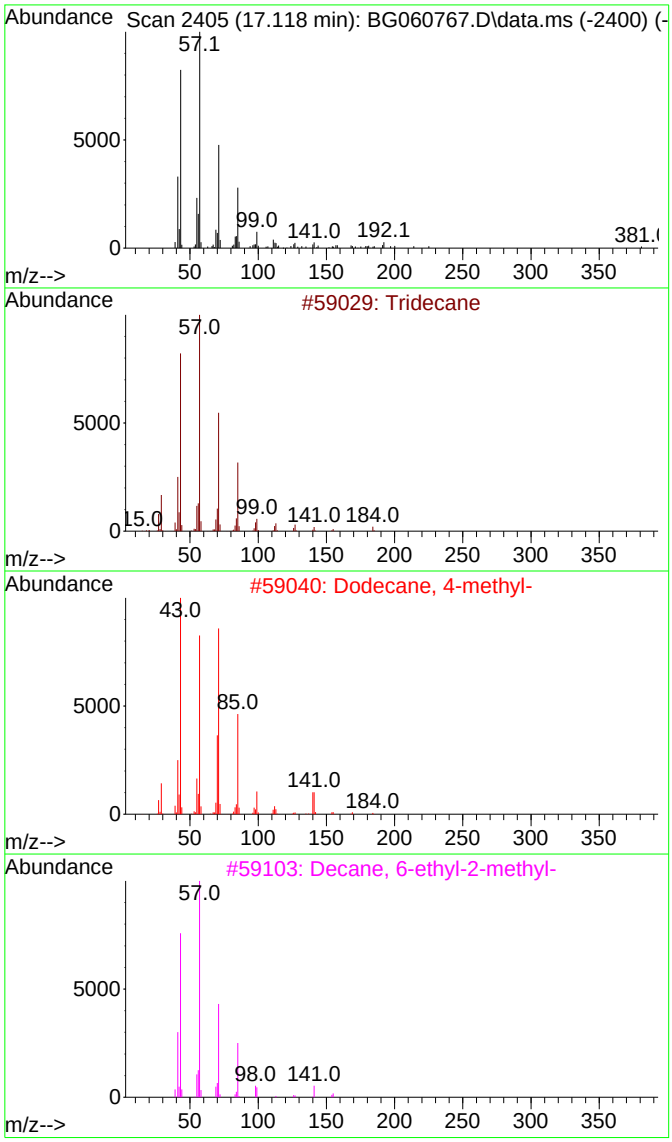
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

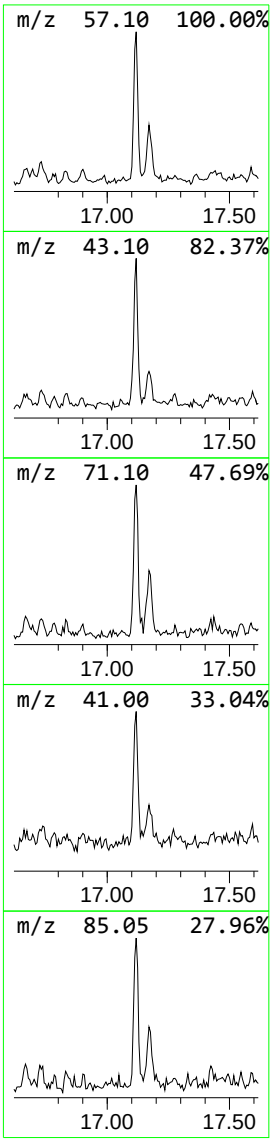
****

Peak Number 6 Dodecane, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.118	2.31 ng	125996	Phenanthrene-d10	17.336

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	81
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78
4	Eicosane	282	C20H42	000112-95-8	78
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
Data File : BG060767.D
Acq On : 3 Apr 2024 18:12
Operator : MA/JU
Sample : P1958-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-207

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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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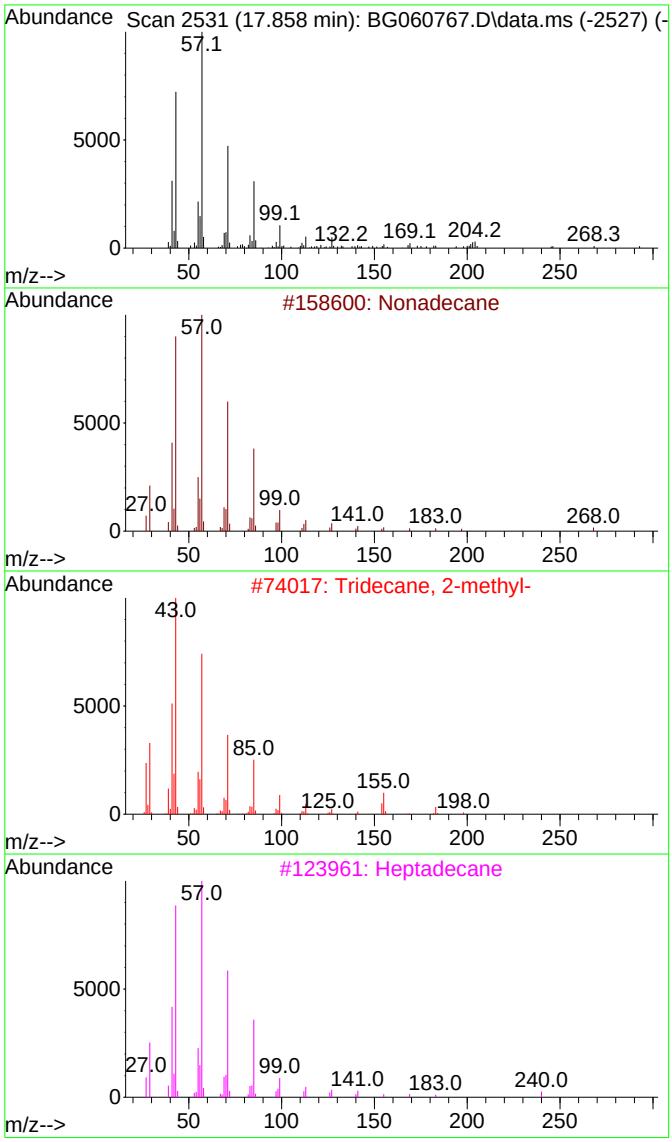
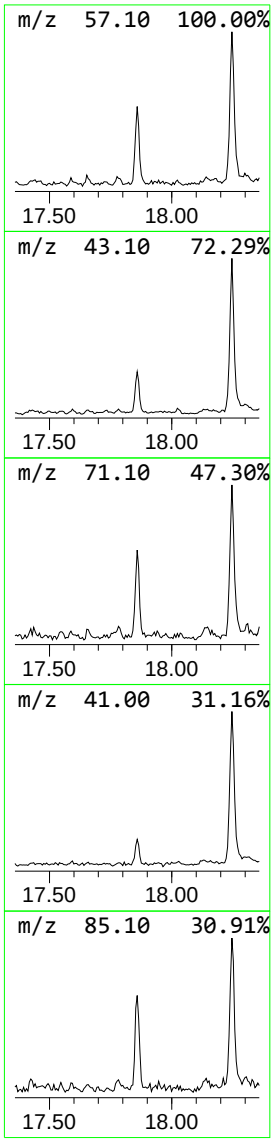
Peak Number 7 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.858	2.06 ng	112640	Phenanthrene-d10	17.336

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
3	Heptadecane	240	C17H36	000629-78-7	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
Data File : BG060767.D
Acq On : 3 Apr 2024 18:12
Operator : MA/JU
Sample : P1958-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-207

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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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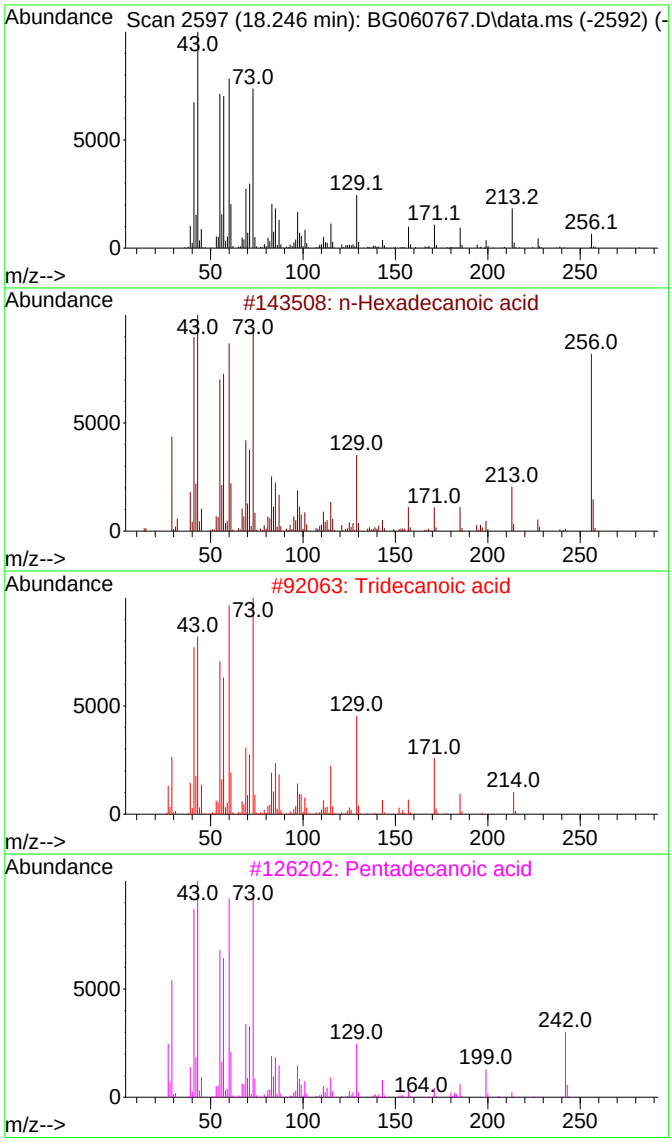
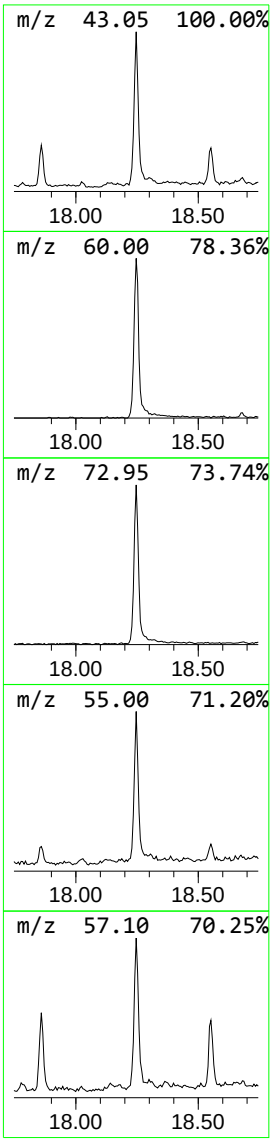
Peak Number 8 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.246	13.33 ng	727674	Phenanthrene-d10	17.336

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	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
Data File : BG060767.D
Acq On : 3 Apr 2024 18:12
Operator : MA/JU
Sample : P1958-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-207

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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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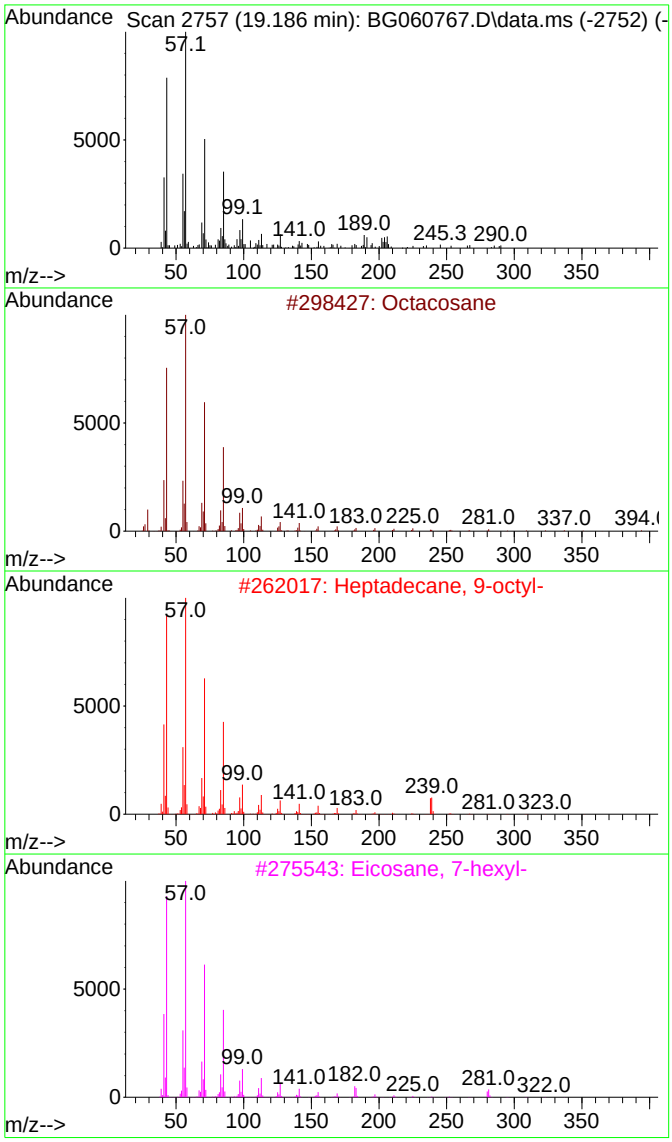
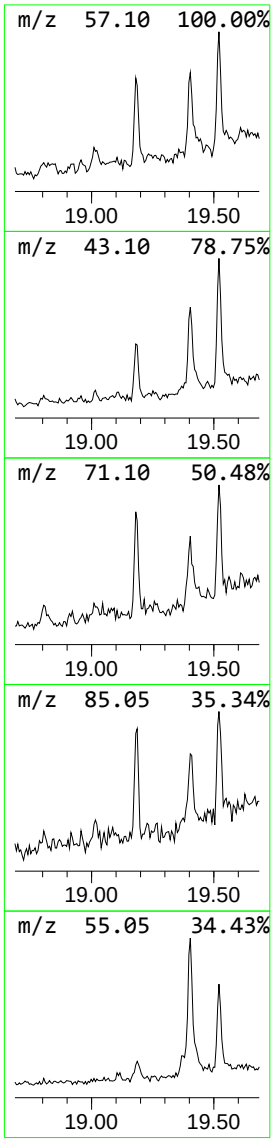
Peak Number 9 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.186	2.79 ng	152241	Phenanthrene-d10	17.336

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	81
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	81
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	74
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	74
5	Hexatriacontane	507	C36H74	000630-06-8	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
Data File : BG060767.D
Acq On : 3 Apr 2024 18:12
Operator : MA/JU
Sample : P1958-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-207

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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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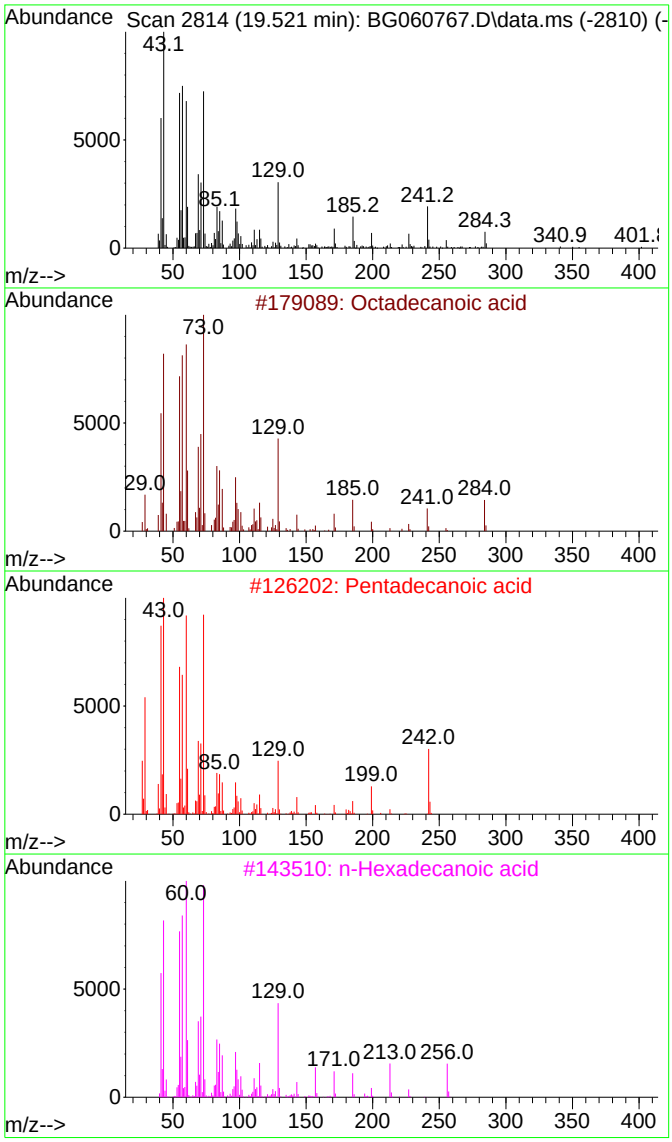
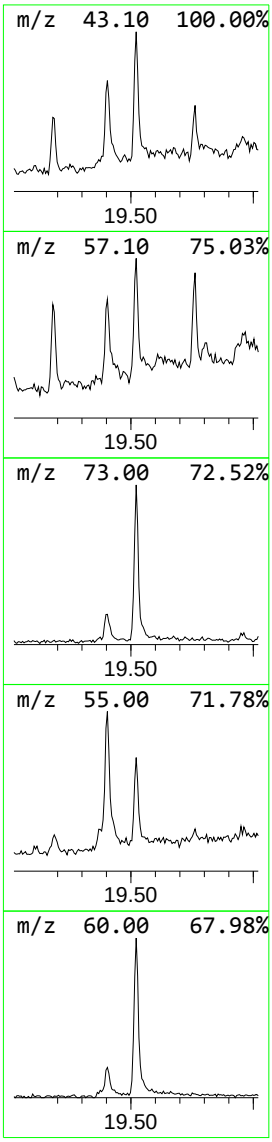
Peak Number 10 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.521	6.41 ng	411284	Chrysene-d12	21.595

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	83
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
Data File : BG060767.D
Acq On : 3 Apr 2024 18:12
Operator : MA/JU
Sample : P1958-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-207

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

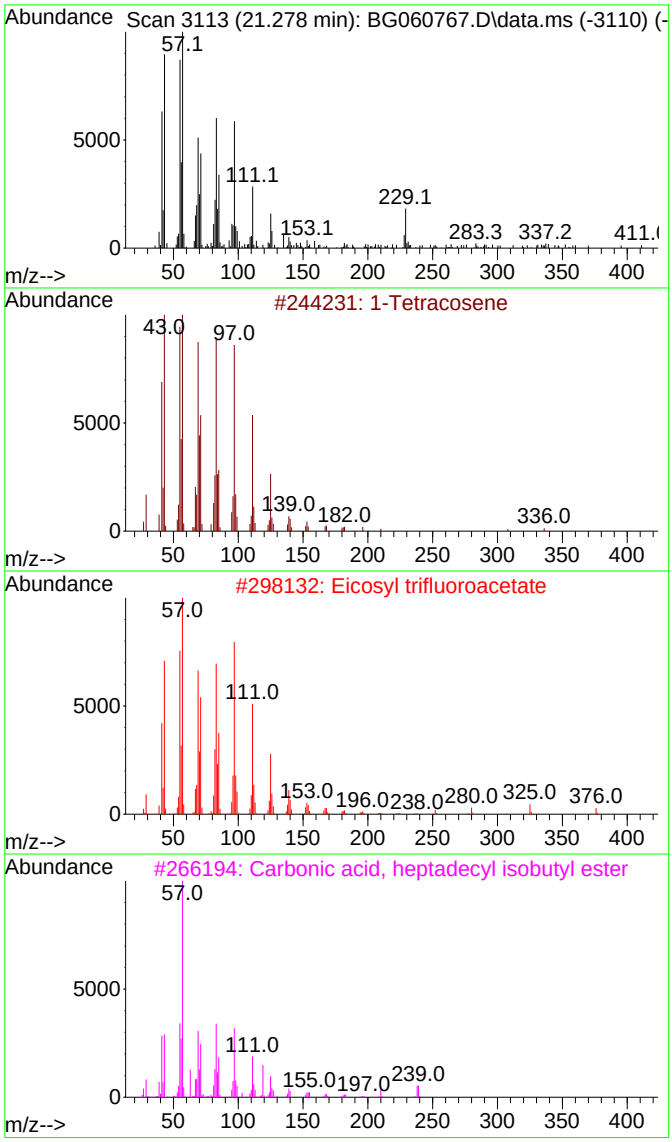
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

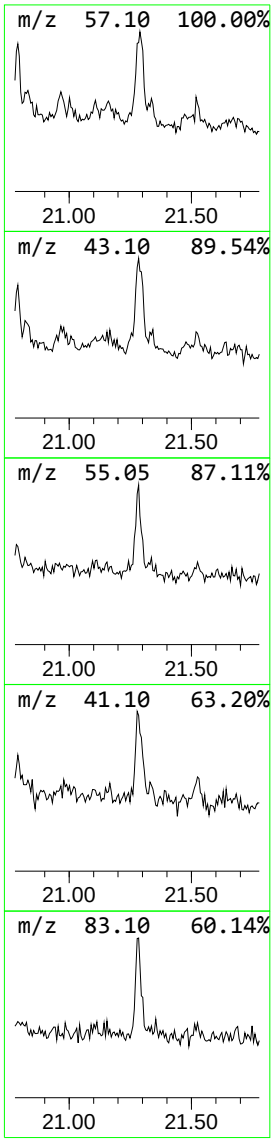
****

Peak Number 11 1-Tetracosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.278	3.53 ng	226812	Chrysene-d12	21.595

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	92
2	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	91
3	Carbonic acid, heptadecyl isobut...	356	C22H44O3	1000314-61-4	91
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
5	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040324\
Data File : BG060767.D
Acq On : 3 Apr 2024 18:12
Operator : MA/JU
Sample : P1958-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-207

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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...	3.176	44.9	ng	968149	1	7.958	430981	20.0
(S)-(+)-1,2-Pro...	3.687	3.3	ng	70415	1	7.958	430981	20.0
Hexadecane	15.455	2.3	ng	97272	3	14.586	855520	20.0
Tridecane	16.319	2.7	ng	145128	4	17.336	1091390	20.0
Dodecane, 4-met...	17.118	2.3	ng	125996	4	17.336	1091390	20.0
Nonadecane	17.858	2.1	ng	112640	4	17.336	1091390	20.0
n-Hexadecanoic ...	18.246	13.3	ng	727674	4	17.336	1091390	20.0
Octacosane	19.186	2.8	ng	152241	4	17.336	1091390	20.0
Octadecanoic acid	19.521	6.4	ng	411284	5	21.595	1283890	20.0
1-Tetracosene	21.278	3.5	ng	226812	5	21.595	1283890	20.0