LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
Data File : BP003984.D
Acq On : 17 Nov 2020 20:10
Operator : CG/JU
Sample : L4770-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FJ-BH-03-0-1

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_P\METHODS\8270-BP110320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP003984.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.929	3	7	21	rVB	3038277	4223807	99.68%	12.172%
2	3.087	28	34	44	rVB	69273	153042	3.61%	0.441%
3	3.176	44	49	58	rVB	217306	322783	7.62%	0.930%
4	5.805	489	496	507	rBV	1628718	2500945	59.02%	7.207%
5	7.452	768	776	788	rBV	1583606	2629202	62.05%	7.577%
6	7.852	839	844	851	rBV	35994	54957	1.30%	0.158%
7	8.281	909	917	924	rBV	547288	862500	20.36%	2.485%
8	9.446	1104	1115	1124	rBV	1031975	1721289	40.62%	4.960%
9	11.110	1390	1398	1405	rBV	679624	1180623	27.86%	3.402%
10	13.528	1801	1809	1822	rBV	2390438	3544476	83.65%	10.214%
11	13.728	1838	1843	1849	rBV3	45350	82063	1.94%	0.236%
12	13.793	1849	1854	1860	rVB	129880	197978	4.67%	0.571%
13	14.328	1940	1945	1951	rBV	396134	530943	12.53%	1.530%
14	14.787	2018	2023	2032	rVB	60043	83005	1.96%	0.239%
15	14.904	2037	2043	2050	rVB	991036	1449475	34.21%	4.177%
16	15.728	2179	2183	2189	rVB	66647	85606	2.02%	0.247%
17	16.004	2226	2230	2234	rVB2	35454	44902	1.06%	0.129%
18	16.387	2289	2295	2310	rBV	1512764	2220896	52.41%	6.400%
19	16.581	2324	2328	2331	rBV	70410	92277	2.18%	0.266%
20	16.616	2331	2334	2339	rVB2	49874	65423	1.54%	0.189%
21	17.375	2459	2463	2468	rBV	70675	87755	2.07%	0.253%
22	17.434	2469	2473	2476	rBV	32705	44636	1.05%	0.129%
23	17.640	2502	2508	2513	rBV	1147861	1615266	38.12%	4.655%
24	17.681	2513	2515	2519	rVB	61796	72944	1.72%	0.210%
25	18.098	2582	2586	2590	rBV	82786	94922	2.24%	0.274%
26	18.486	2648	2652	2655	rBV2	44780	72692	1.72%	0.209%
27	18.534	2657	2660	2666	rVB2	60066	85221	2.01%	0.246%
28	18.669	2680	2683	2688	rBV4	35438	56322	1.33%	0.162%
29	18.751	2694	2697	2701	rBV	81071	94618	2.23%	0.273%
30	19.234	2775	2779	2784	rBV2	144541	200442	4.73%	0.578%
31	19.351	2796	2799	2805	rBV2	128406	192875	4.55%	0.556%
32	19.616	2841	2844	2849	rVB	94182	121178	2.86%	0.349%
33	19.898	2889	2892	2896	rVB	125311	124402	2.94%	0.358%
34	19.963	2900	2903	2911	rVB	111687	162962	3.85%	0.470%
35	20.139	2928	2933	2939	rVB	3532465	4237164	100.00%	12.210%
36	20.410	2976	2979	2982	rBV	158645	175043	4.13%	0.504%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
Data File : BP003984.D
Acq On : 17 Nov 2020 20:10
Operator : CG/JU
Sample : L4770-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FJ-BH-03-0-1

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_P\METHODS\8270-BP110320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.881	3056	3059	3063	rBV	236979	244323	5.77%	0.704%
38	21.328	3131	3135	3146	rVB	733378	933105	22.02%	2.689%
39	21.675	3189	3194	3199	rBV	1143260	1599288	37.74%	4.609%
40	21.775	3208	3211	3214	rVB	330530	360050	8.50%	1.038%
41	22.239	3287	3290	3298	rVB2	316171	446265	10.53%	1.286%
42	24.169	3613	3618	3634	rVB	766572	1633871	38.56%	4.708%

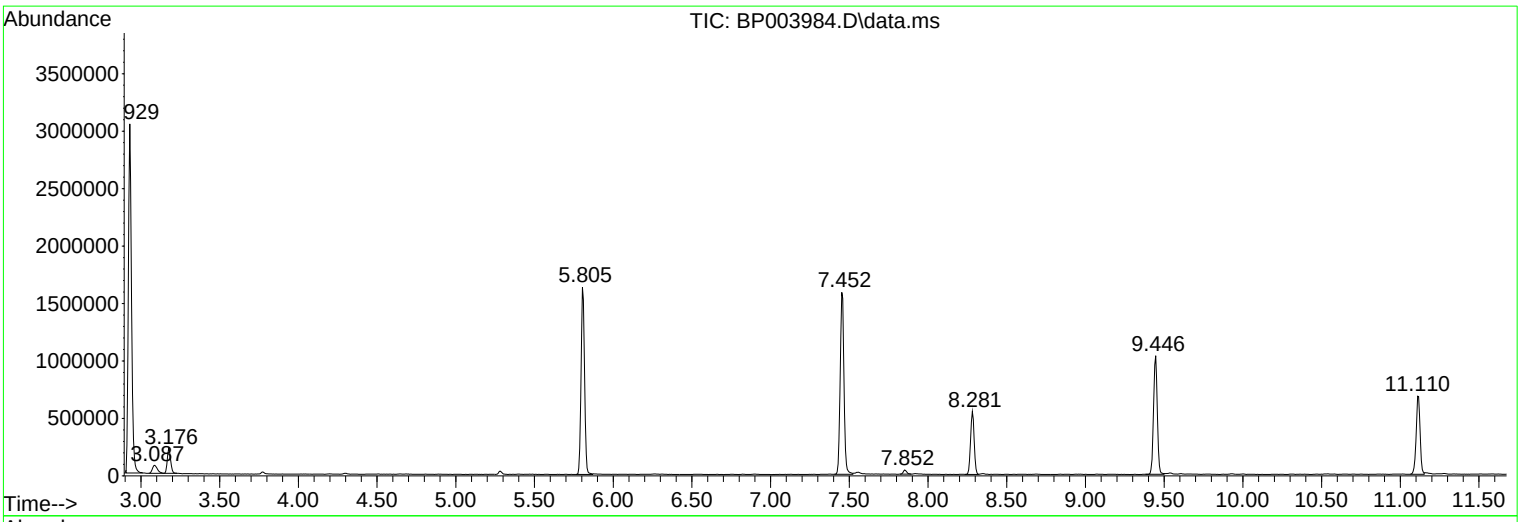
Sum of corrected areas: 34701536

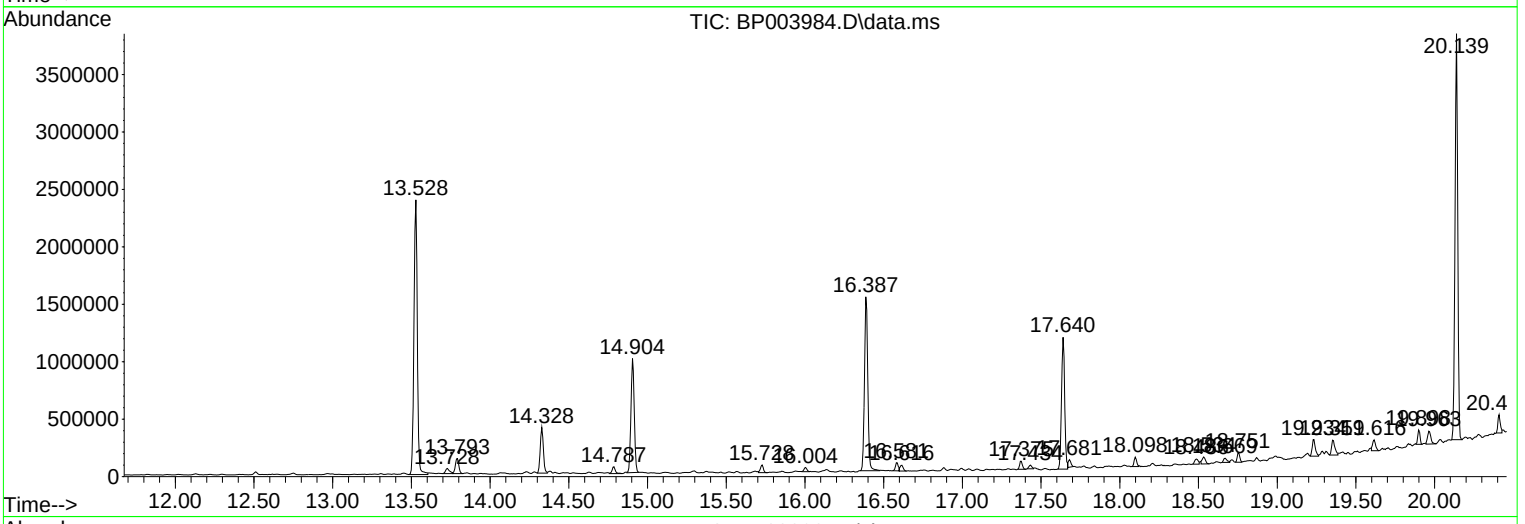
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
Data File : BP003984.D
Acq On : 17 Nov 2020 20:10
Operator : CG/JU
Sample : L4770-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

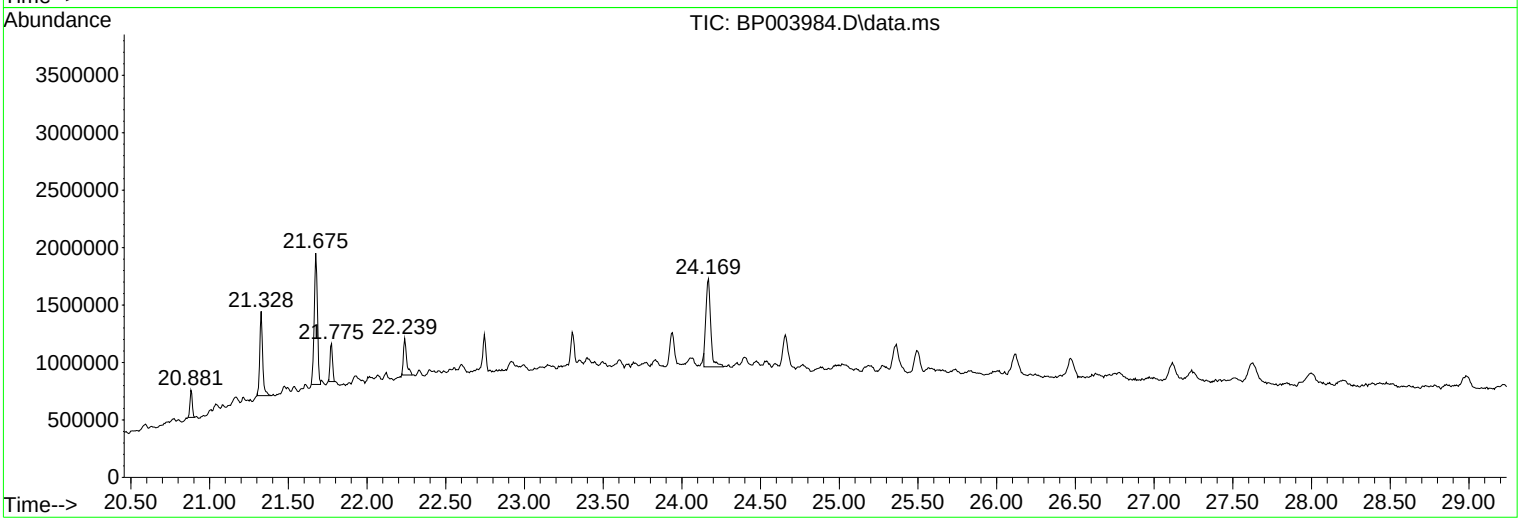
Instrument :
BNA_P
ClientSampleId :
FJ-BH-03-0-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
Data File : BP003984.D
Acq On : 17 Nov 2020 20:10
Operator : CG/JU
Sample : L4770-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FJ-BH-03-0-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

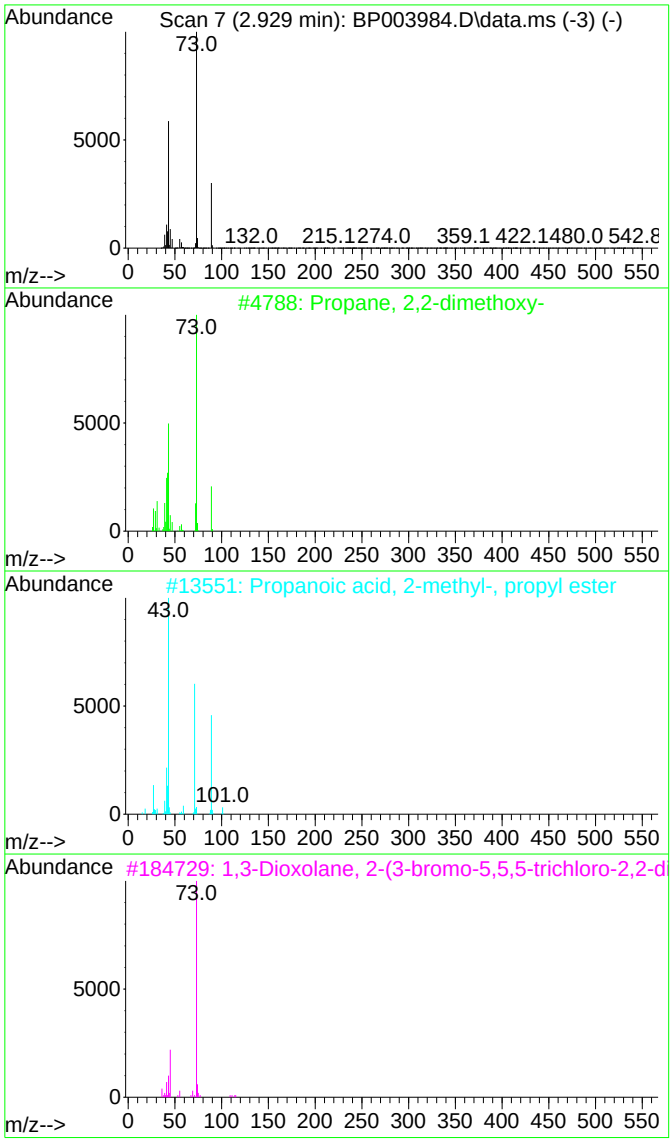
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

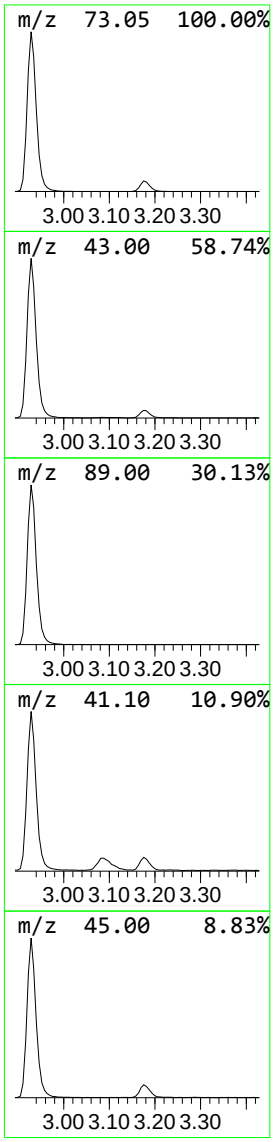
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.929	97.94 ng	4223810	1,4-Dichlorobenzene-d4	8.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9
3	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
Data File : BP003984.D
Acq On : 17 Nov 2020 20:10
Operator : CG/JU
Sample : L4770-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FJ-BH-03-0-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

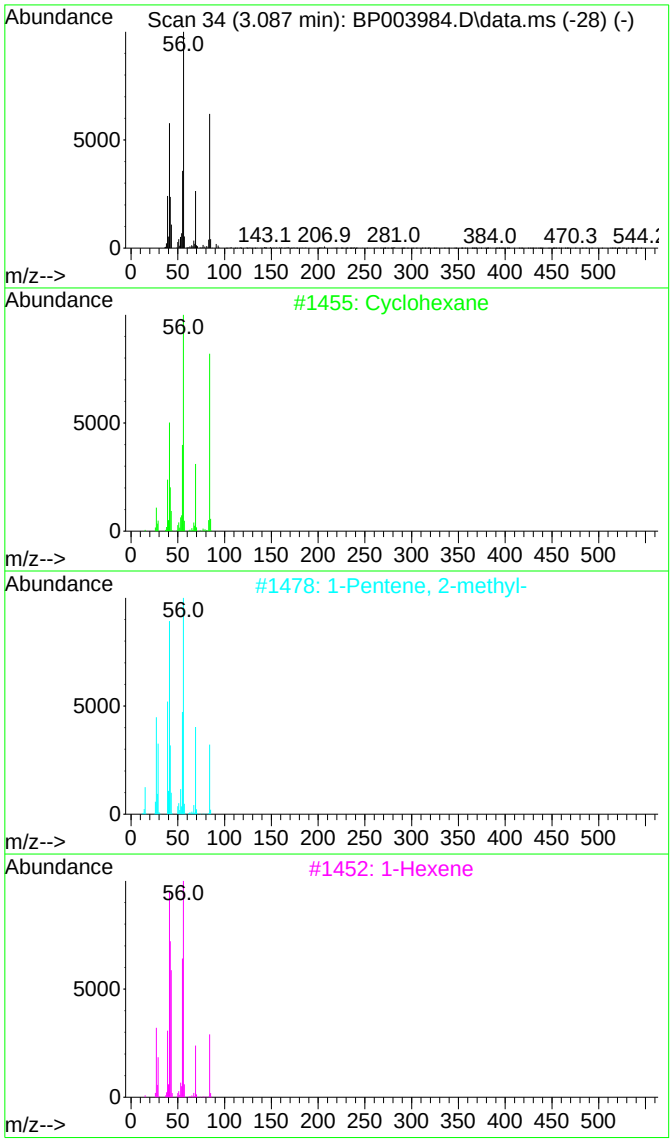
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

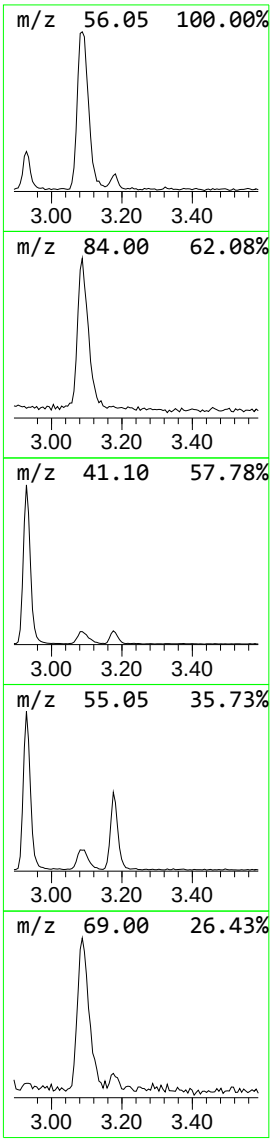
****

Peak Number 2 Cyclohexane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.087	3.55 ng	153042	1,4-Dichlorobenzene-d4	8.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	94
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
3	1-Hexene	84	C6H12	000592-41-6	53
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	47
5	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
Data File : BP003984.D
Acq On : 17 Nov 2020 20:10
Operator : CG/JU
Sample : L4770-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FJ-BH-03-0-1

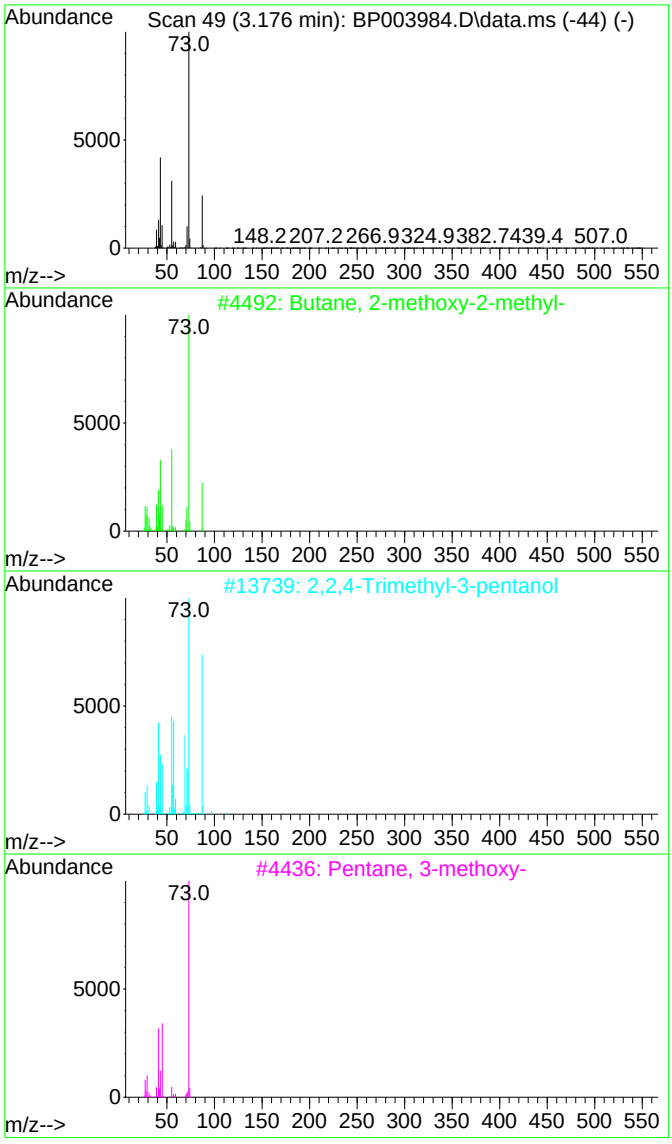
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

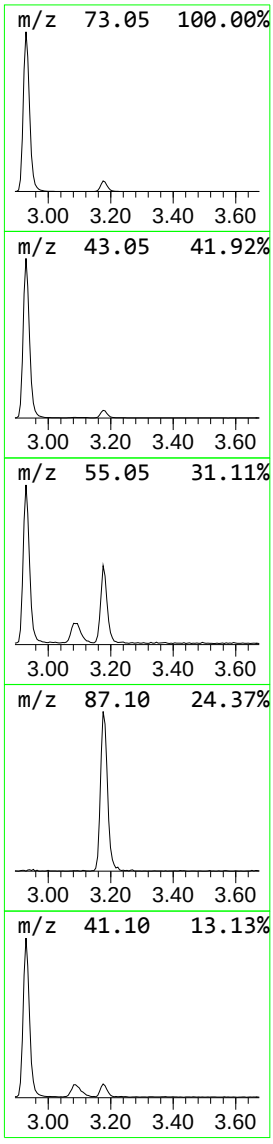
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.176	7.48 ng	322783	1,4-Dichlorobenzene-d4	8.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
Data File : BP003984.D
Acq On : 17 Nov 2020 20:10
Operator : CG/JU
Sample : L4770-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FJ-BH-03-0-1

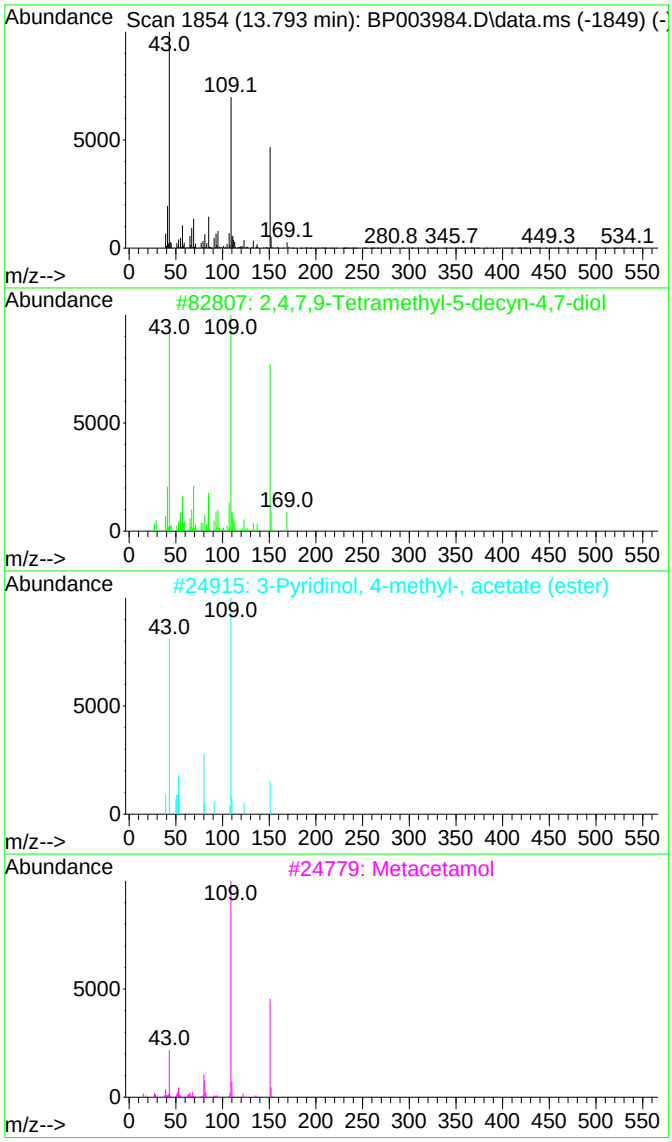
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

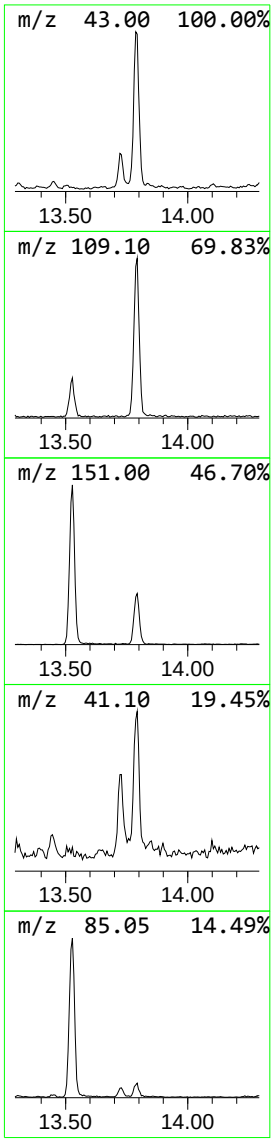
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.793	2.73 ng	197978	Acenaphthene-d10	14.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53
3	Metacetamol	151	C8H9NO2	000621-42-1	53
4	Ethanone, 1-(4,5-diethyl-2-methy...	180	C12H20O	062338-24-3	43
5	Diacetamate	193	C10H11NO3	002623-33-8	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
Data File : BP003984.D
Acq On : 17 Nov 2020 20:10
Operator : CG/JU
Sample : L4770-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FJ-BH-03-0-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

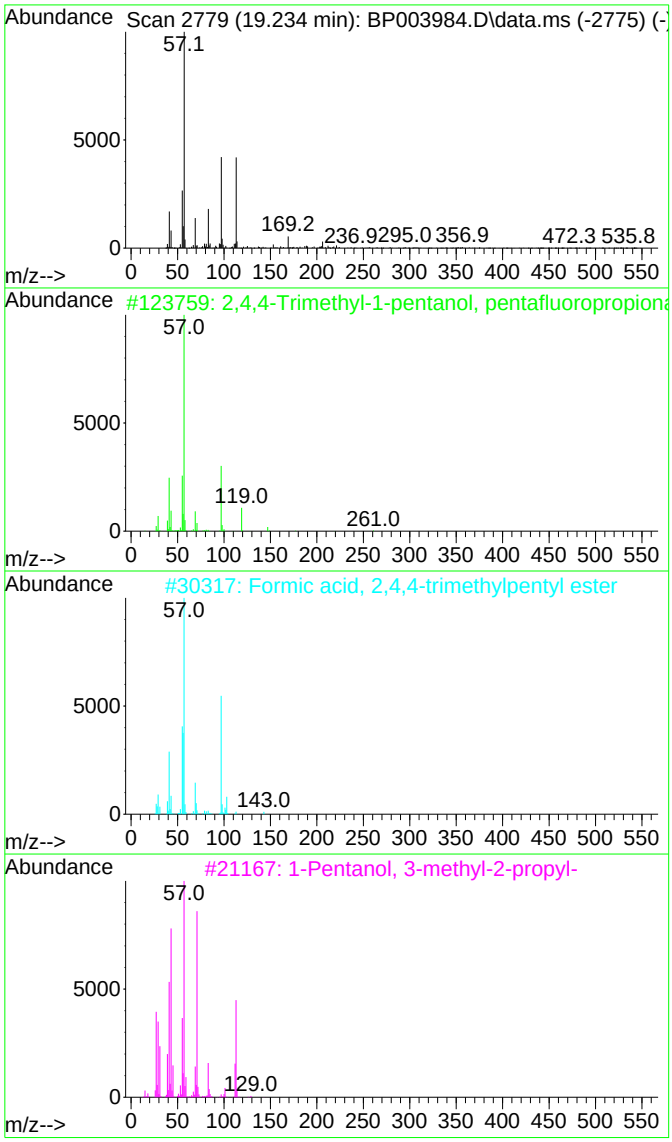
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

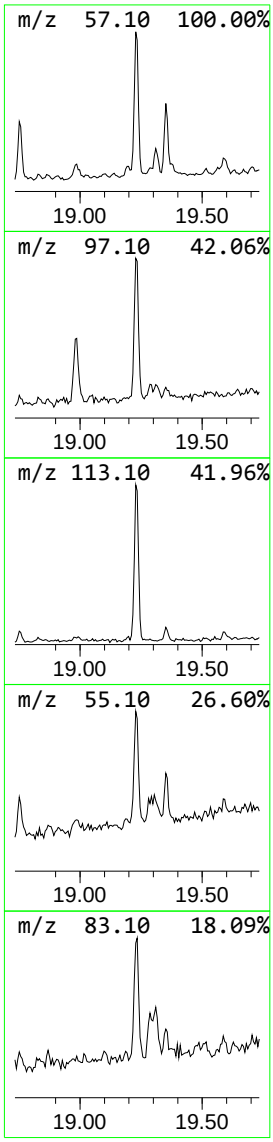
****

Peak Number 5 unknown19.233 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.233	2.48 ng	200442	Phenanthrene-d10	17.640

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	38
2	Formic acid, 2,4,4-trimethylpent...	158	C9H18O2	1000368-95-2	38
3	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	32
4	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	32
5	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
Data File : BP003984.D
Acq On : 17 Nov 2020 20:10
Operator : CG/JU
Sample : L4770-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FJ-BH-03-0-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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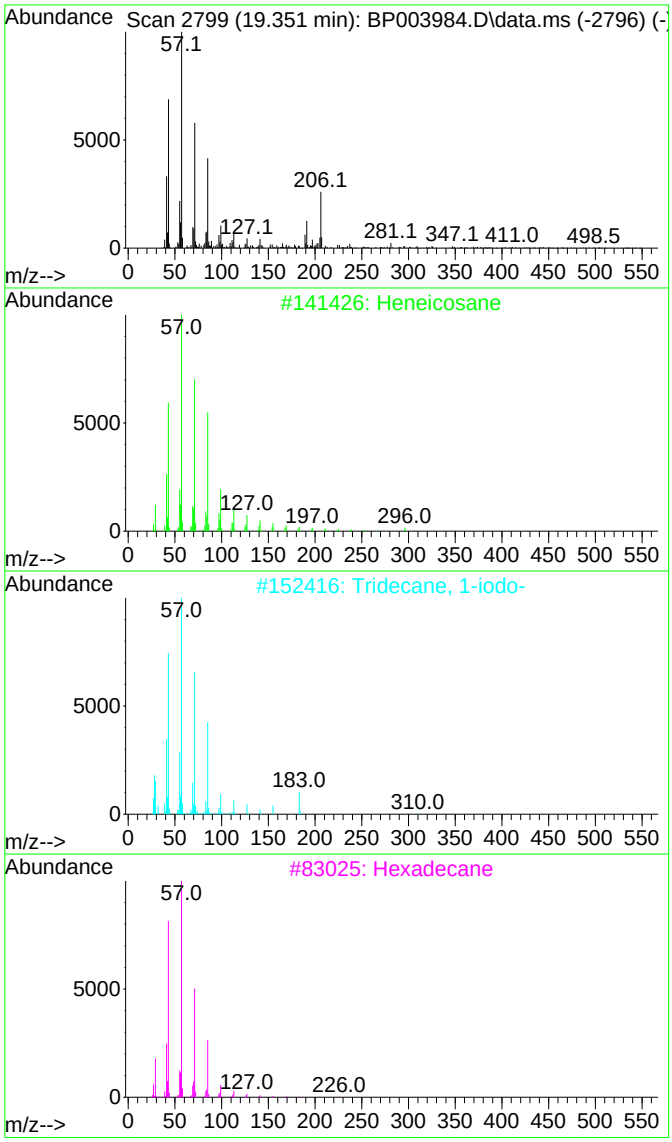
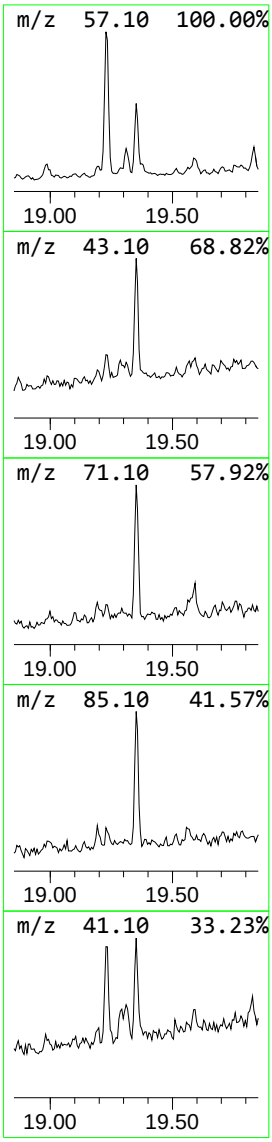
Peak Number 6 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.351	2.39 ng	192875	Phenanthrene-d10	17.640

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	95
3	Hexadecane	226	C16H34	000544-76-3	95
4	Docosane	310	C22H46	000629-97-0	93
5	Heptadecane, 8,8-dipentyl-	380	C27H56	055282-28-5	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
Data File : BP003984.D
Acq On : 17 Nov 2020 20:10
Operator : CG/JU
Sample : L4770-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FJ-BH-03-0-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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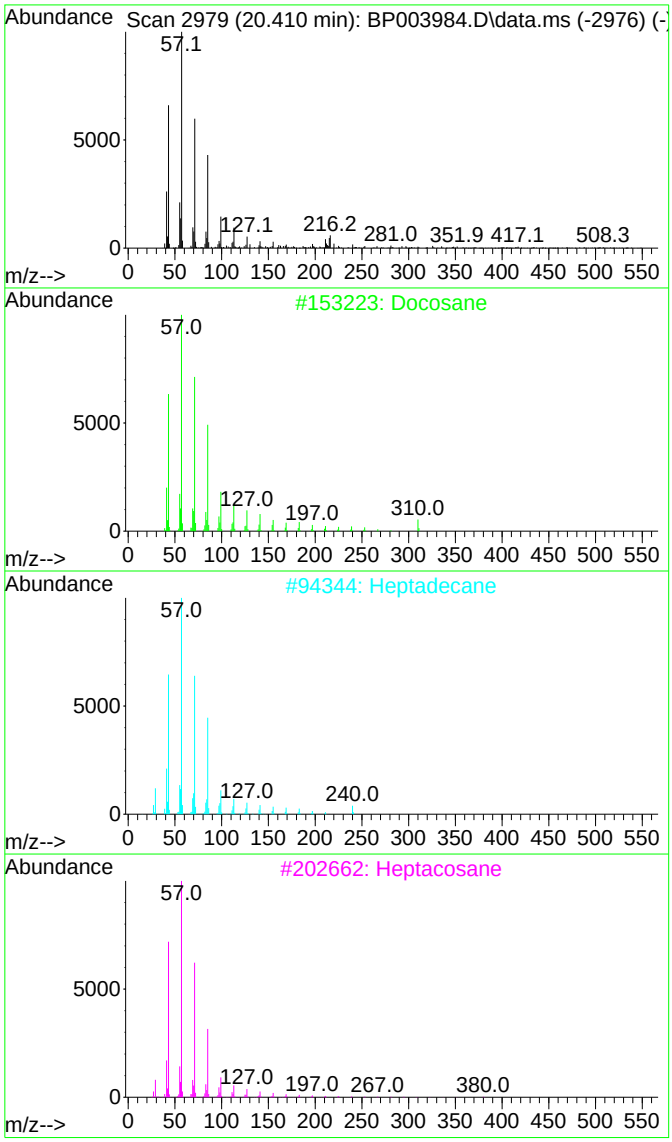
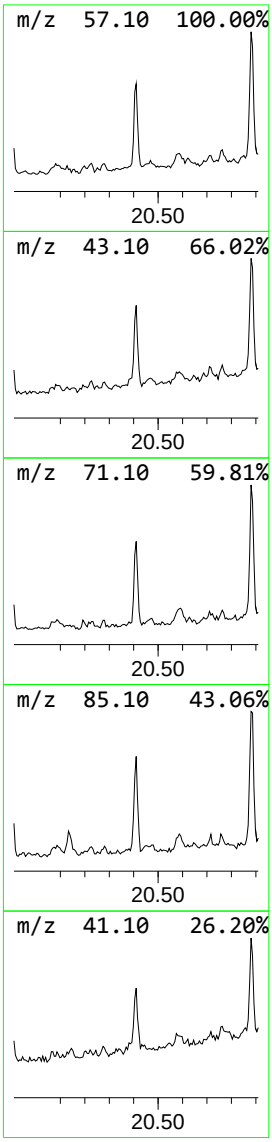
Peak Number 8 Docosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.410	2.19 ng	175043	Chrysene-d12	21.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Heptacosane	380	C27H56	000593-49-7	83
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
5	Nonadecane	268	C19H40	000629-92-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
Data File : BP003984.D
Acq On : 17 Nov 2020 20:10
Operator : CG/JU
Sample : L4770-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FJ-BH-03-0-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

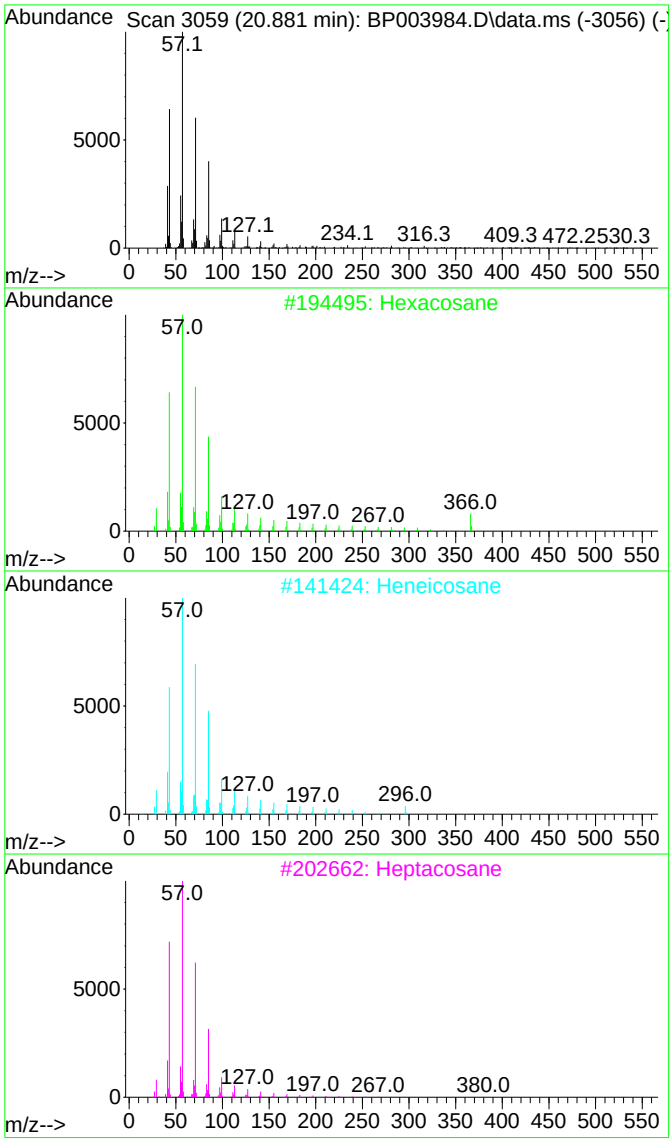
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

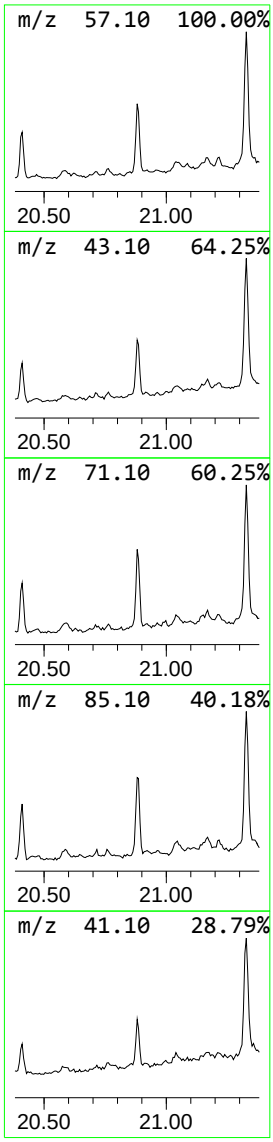
****

Peak Number 9 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.881	3.06 ng	244323	Chrysene-d12	21.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Heneicosane	296	C21H44	000629-94-7	94
3	Heptacosane	380	C27H56	000593-49-7	87
4	Tricosane, 2-methyl-	338	C24H50	001928-30-9	87
5	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
Data File : BP003984.D
Acq On : 17 Nov 2020 20:10
Operator : CG/JU
Sample : L4770-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FJ-BH-03-0-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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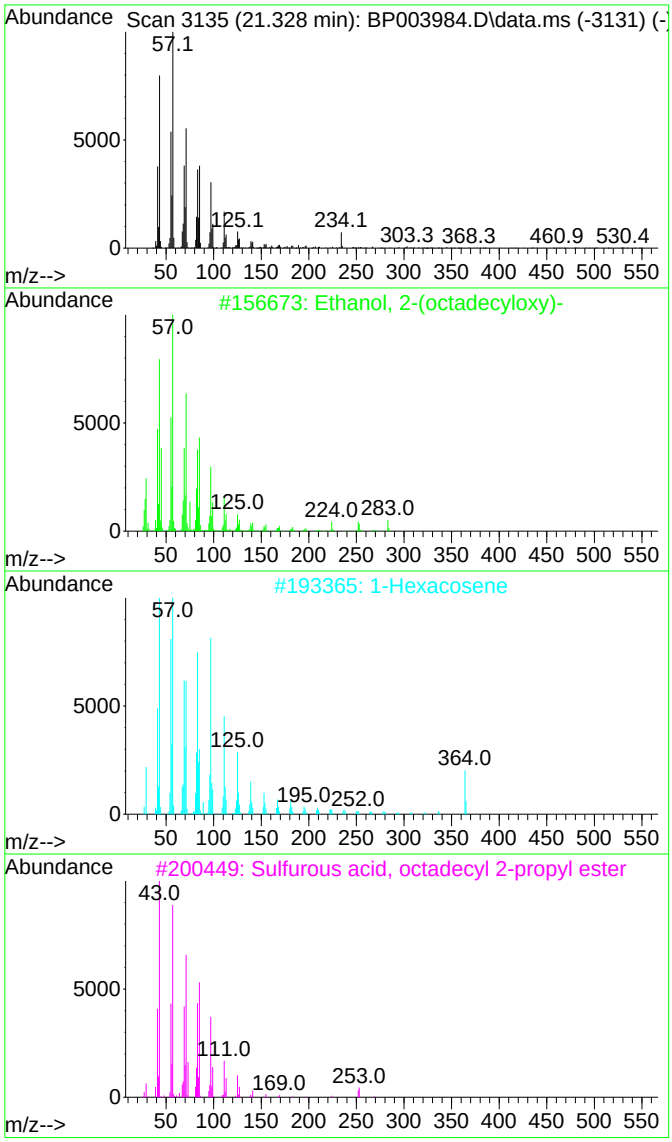
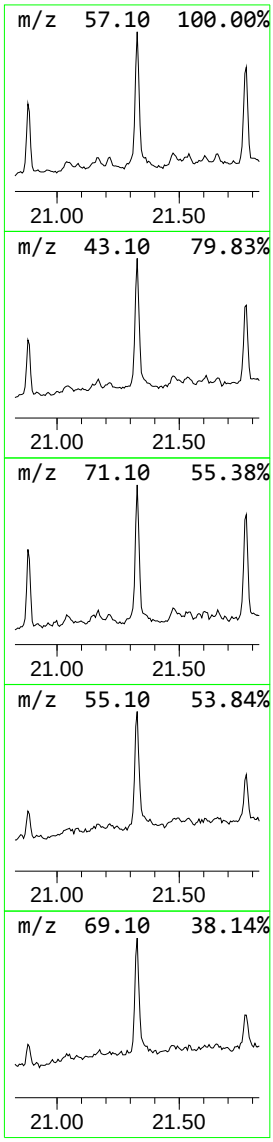
Peak Number 10 Ethanol, 2-(octadecyloxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.328	11.67 ng	933105	Chrysene-d12	21.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	91
2	1-Hexacosene	364	C26H52	018835-33-1	91
3	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	90
4	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	87
5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
Data File : BP003984.D
Acq On : 17 Nov 2020 20:10
Operator : CG/JU
Sample : L4770-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FJ-BH-03-0-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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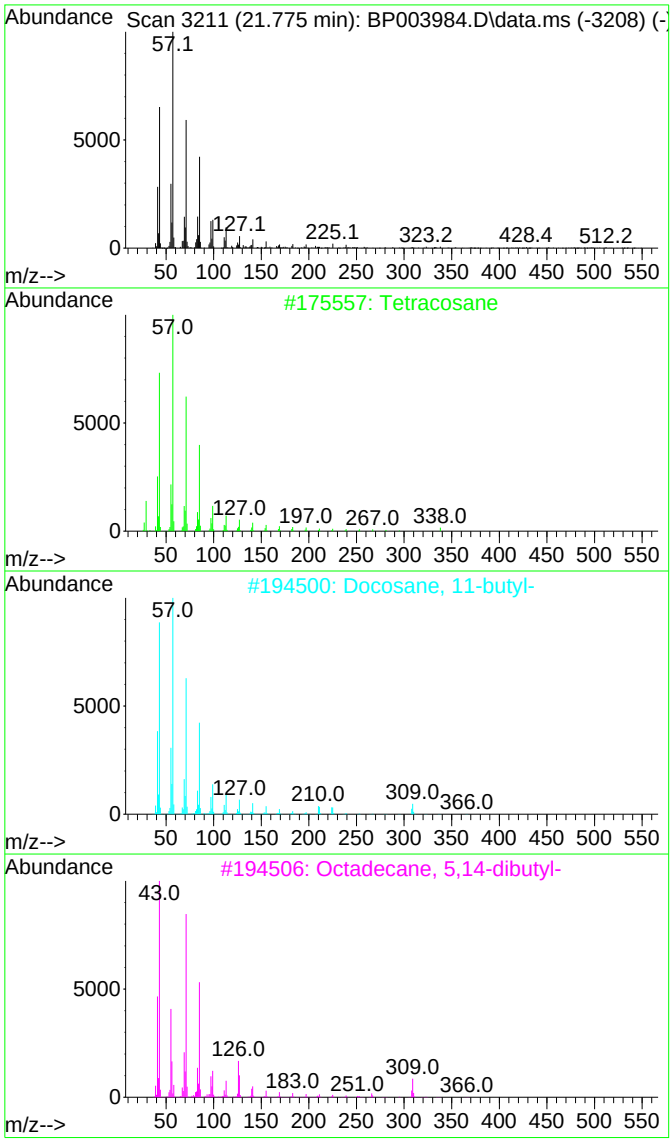
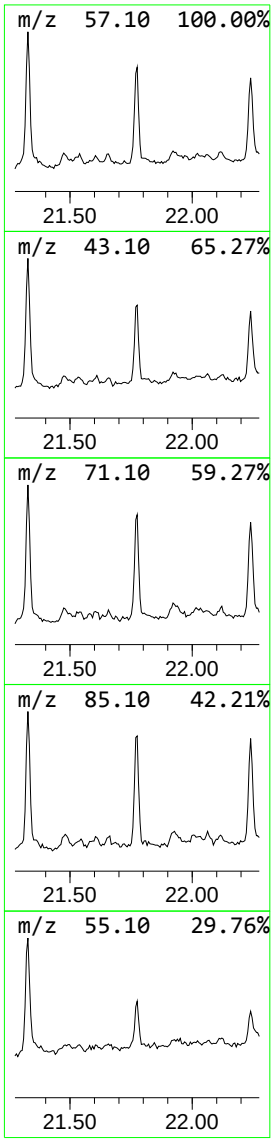
Peak Number 11 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.775	4.50 ng	360050	Chrysene-d12	21.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
3	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	93
4	Tricosane, 2-methyl-	338	C24H50	001928-30-9	93
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
Data File : BP003984.D
Acq On : 17 Nov 2020 20:10
Operator : CG/JU
Sample : L4770-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FJ-BH-03-0-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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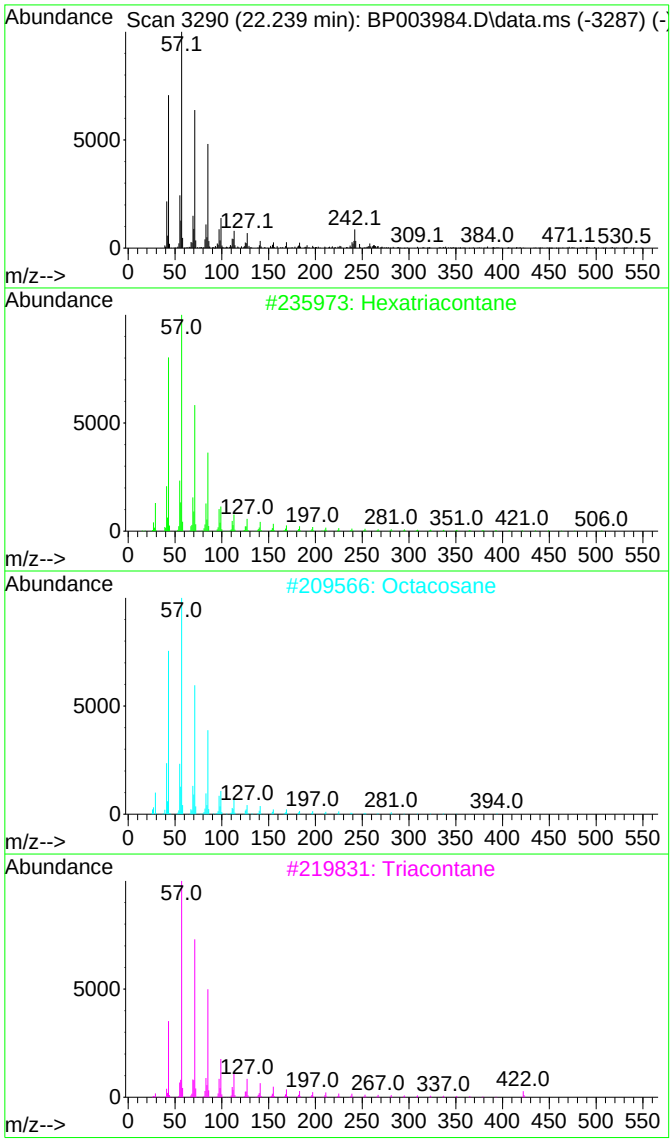
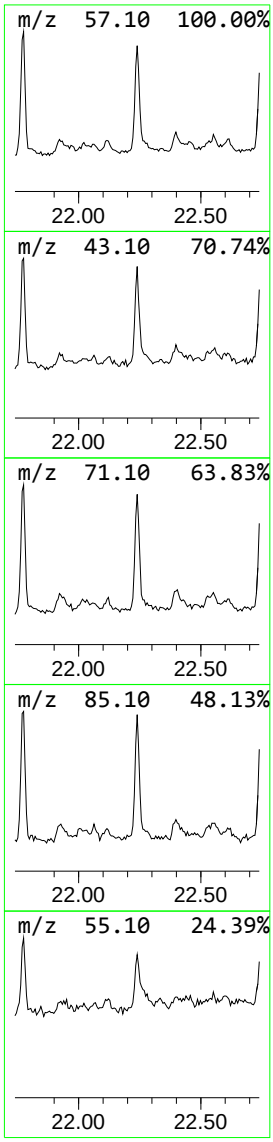
Peak Number 12 Hexatriacontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.239	5.58 ng	446265	Chrysene-d12	21.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	93
2	Octacosane	394	C28H58	000630-02-4	93
3	Triacontane	422	C30H62	000638-68-6	91
4	Hexacosane	366	C26H54	000630-01-3	87
5	Heptadecane	240	C17H36	000629-78-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111720\
Data File : BP003984.D
Acq On : 17 Nov 2020 20:10
Operator : CG/JU
Sample : L4770-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FJ-BH-03-0-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2,2-di...	2.929	97.9	ng	4223810	1	8.281	862500	20.0
Cyclohexane	3.087	3.5	ng	153042	1	8.281	862500	20.0
Butane, 2-metho...	3.176	7.5	ng	322783	1	8.281	862500	20.0
2,4,7,9-Tetrame...	13.793	2.7	ng	197978	3	14.904	1449480	20.0
unknown19.233	19.233	2.5	ng	200442	4	17.640	1615270	20.0
Heneicosane	19.351	2.4	ng	192875	4	17.640	1615270	20.0
Docosane	20.410	2.2	ng	175043	5	21.675	1599290	20.0
Hexacosane	20.881	3.1	ng	244323	5	21.675	1599290	20.0
Ethanol, 2-(oct...	21.328	11.7	ng	933105	5	21.675	1599290	20.0
Tetracosane	21.775	4.5	ng	360050	5	21.675	1599290	20.0
Hexatriacontane	22.239	5.6	ng	446265	5	21.675	1599290	20.0