LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081720\
Data File : BP003008.D
Acq On : 17 Aug 2020 18:19
Operator : CG/JU
Sample : L3691-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S707-N-SO-0-0.5-081320

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-BP073020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.958	8	12	26	rVB	1428541	1534767	13.63%	1.918%
2	5.293	402	409	426	rBV	3585254	5079871	45.13%	6.347%
3	6.863	666	676	690	rBV	3222272	5166886	45.90%	6.456%
4	7.287	743	748	755	rBV	84004	142847	1.27%	0.178%
5	7.687	808	816	823	rBV	1173477	1838485	16.33%	2.297%
6	8.828	1002	1010	1020	rBV	1928690	3118535	27.71%	3.896%
7	10.463	1280	1288	1302	rBV	1408303	2328177	20.68%	2.909%
8	12.945	1703	1710	1725	rBV	5264104	7581144	67.35%	9.472%
9	13.780	1844	1852	1866	rBV	856274	1165999	10.36%	1.457%
10	14.322	1937	1944	1951	rBV	2114794	3076832	27.33%	3.844%
11	15.816	2186	2198	2211	rBV	3721928	5485962	48.74%	6.854%
12	17.074	2406	2412	2416	rBV	2581351	3595192	31.94%	4.492%
13	17.116	2416	2419	2424	rVB	405255	528917	4.70%	0.661%
14	17.204	2430	2434	2440	rVB	85472	126571	1.12%	0.158%
15	17.480	2473	2481	2494	rBV2	62449	127802	1.14%	0.160%
16	17.939	2554	2559	2564	rBV3	122182	261787	2.33%	0.327%
17	17.998	2564	2569	2585	rVV	1067804	1704040	15.14%	2.129%
18	18.139	2589	2593	2597	rVB3	84761	124495	1.11%	0.156%
19	19.092	2750	2755	2761	rBV	1233117	1615670	14.35%	2.019%
20	19.233	2775	2779	2785	rBV	376168	555882	4.94%	0.695%
21	19.445	2807	2815	2824	rBV	999108	1642706	14.59%	2.052%
22	19.651	2845	2850	2860	rVB	8981947	11256113	100.00%	14.064%
23	19.939	2894	2899	2903	rBV2	150902	224821	2.00%	0.281%
24	20.027	2911	2914	2918	rBV	103353	137551	1.22%	0.172%
25	20.862	3053	3056	3059	rVB	114573	133103	1.18%	0.166%
26	20.904	3059	3063	3069	rBV3	1758397	2350874	20.89%	2.937%
27	21.168	3102	3108	3112	rBV	4014239	5416712	48.12%	6.768%
28	21.204	3112	3114	3122	rVB	544420	608357	5.40%	0.760%
29	21.345	3135	3138	3145	rVB2	156891	192825	1.71%	0.241%
30	21.792	3208	3214	3224	rBV3	691852	1286177	11.43%	1.607%
31	22.474	3327	3330	3337	rVB3	296497	418370	3.72%	0.523%
32	22.739	3370	3375	3377	rBV	491351	850688	7.56%	1.063%
33	22.804	3384	3386	3398	rVB2	498244	827160	7.35%	1.033%
34	23.221	3452	3457	3467	rVB	316887	608387	5.40%	0.760%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081720\
Data File : BP003008.D
Acq On : 17 Aug 2020 18:19
Operator : CG/JU
Sample : L3691-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S707-N-SO-0-0.5-081320

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-BP073020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	23.315	3468	3473	3478	rBV	418358	781239	6.94%	0.976%
36	23.415	3483	3490	3496	rBV2	2727875	5185118	46.06%	6.478%
37	24.021	3588	3593	3599	rVB	340842	649900	5.77%	0.812%
38	24.098	3601	3606	3616	rVB2	487010	1032844	9.18%	1.290%
39	25.698	3871	3878	3892	rVB2	435998	1274125	11.32%	1.592%

Sum of corrected areas: 80036931

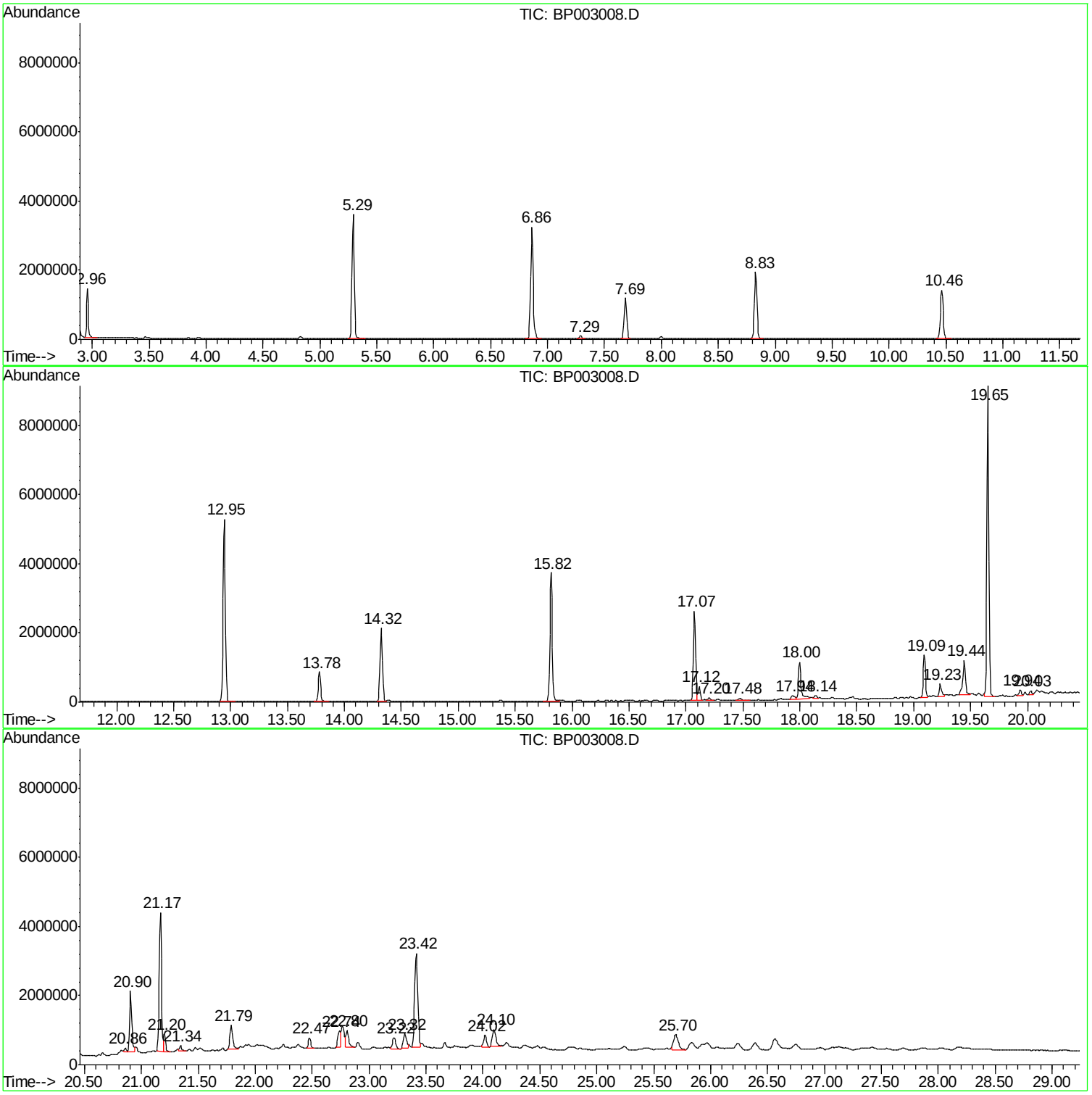
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081720\
Data File : BP003008.D
Acq On : 17 Aug 2020 18:19
Operator : CG/JU
Sample : L3691-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S707-N-SO-0-0.5-081320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.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\BP081720\
Data File : BP003008.D
Acq On : 17 Aug 2020 18:19
Operator : CG/JU
Sample : L3691-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S707-N-SO-0-0.5-081320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

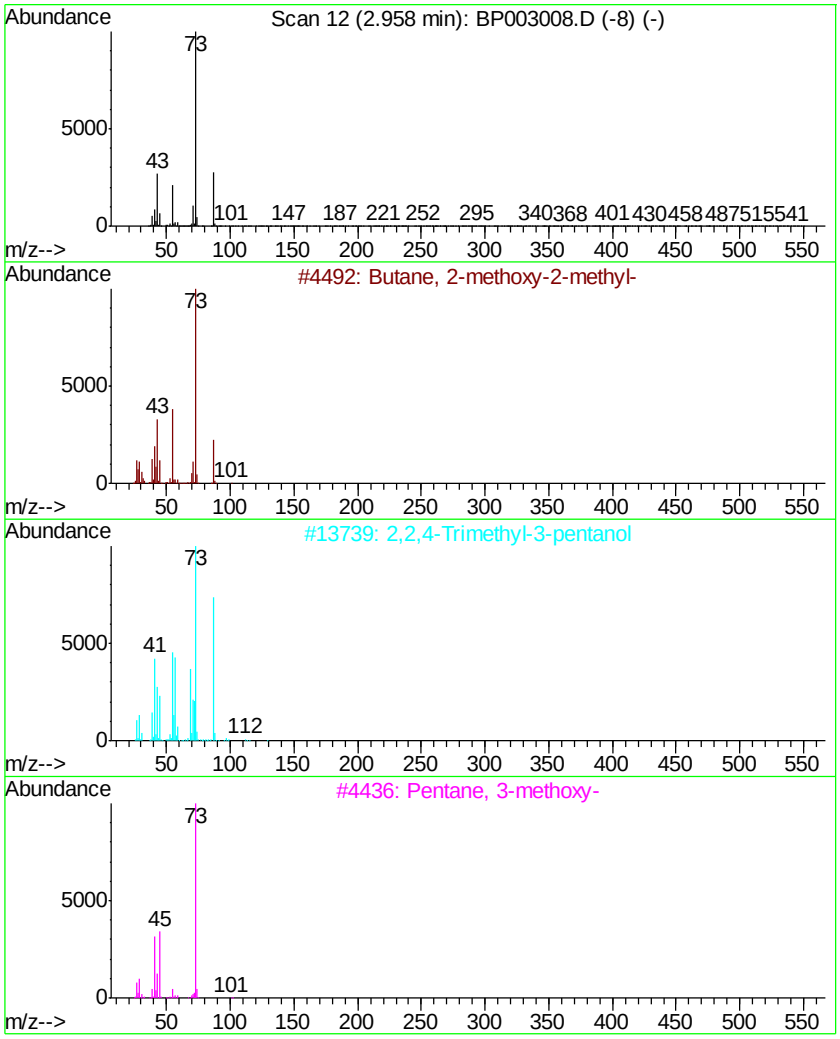
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

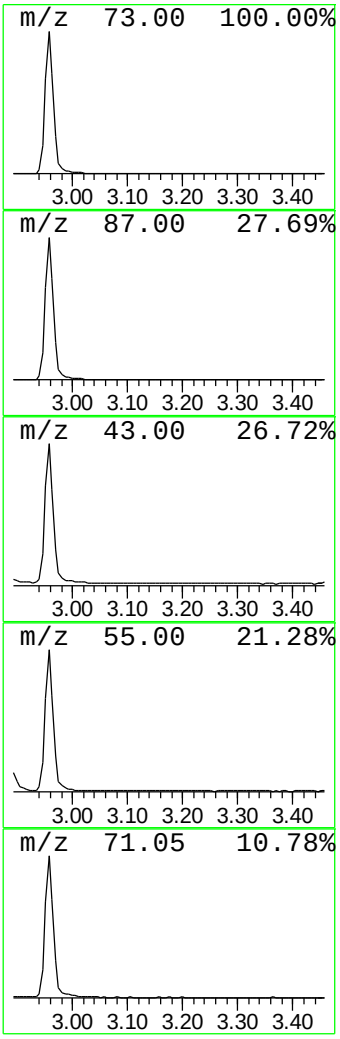
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.96	16.70 ng	1534770	1,4-Dichlorobenzene-d4	7.69

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	43
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081720\
Data File : BP003008.D
Acq On : 17 Aug 2020 18:19
Operator : CG/JU
Sample : L3691-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S707-N-SO-0-0.5-081320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

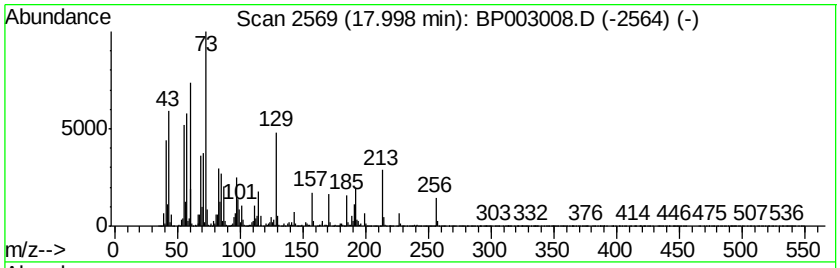
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

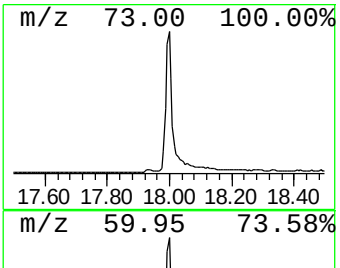
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	9.48 ng	1704040	Phenanthrene-d10	17.07

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	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081720\
Data File : BP003008.D
Acq On : 17 Aug 2020 18:19
Operator : CG/JU
Sample : L3691-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S707-N-SO-0-0.5-081320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.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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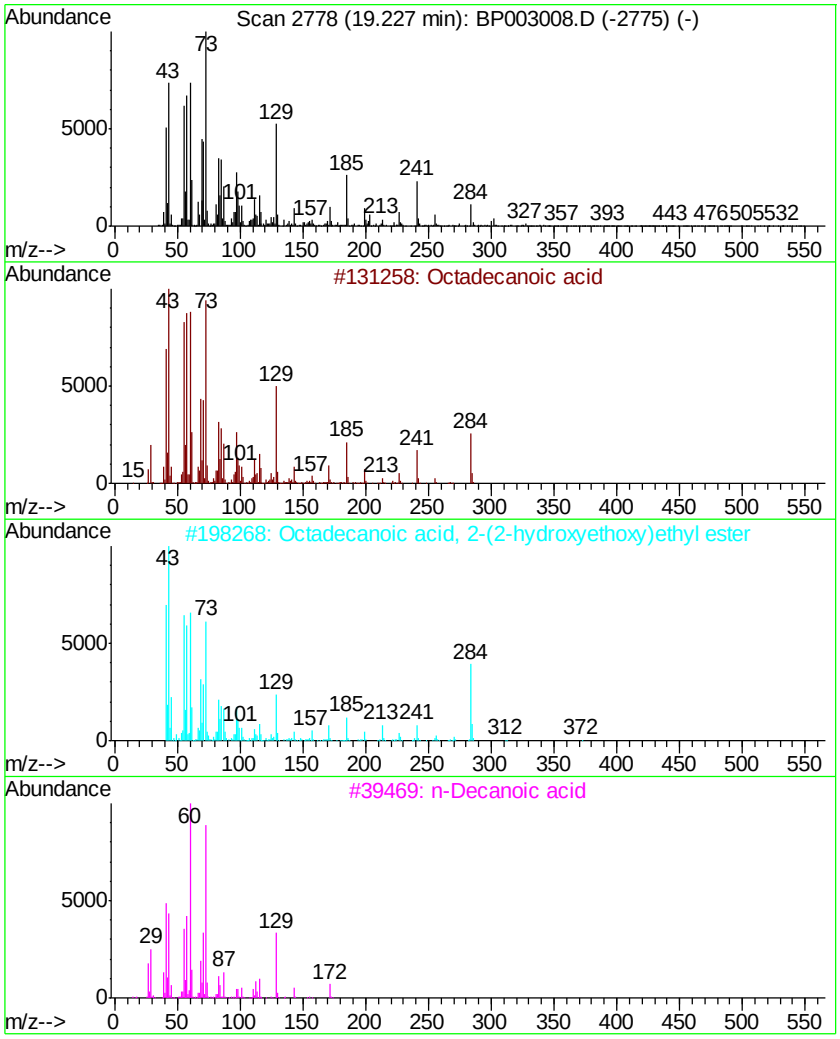
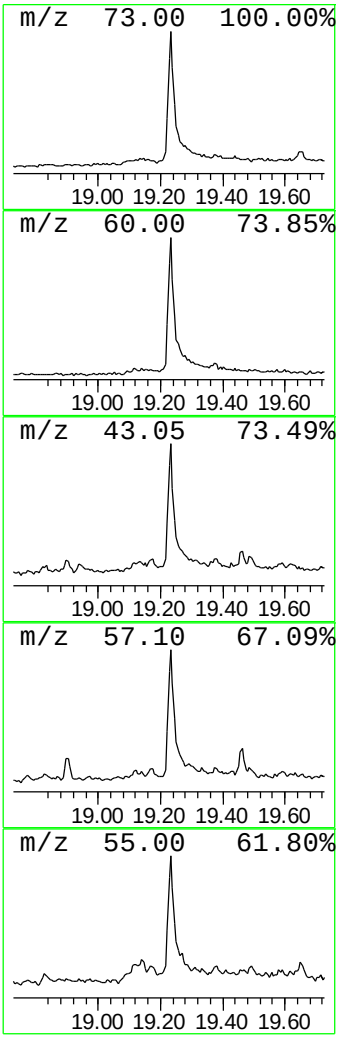
Peak Number 3 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	2.05 ng	555882	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	70
3	n-Decanoic acid	172	C10H20O2	000334-48-5	64
4	Dodecanoic acid	200	C12H24O2	000143-07-7	58
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081720\
Data File : BP003008.D
Acq On : 17 Aug 2020 18:19
Operator : CG/JU
Sample : L3691-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S707-N-SO-0-0.5-081320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.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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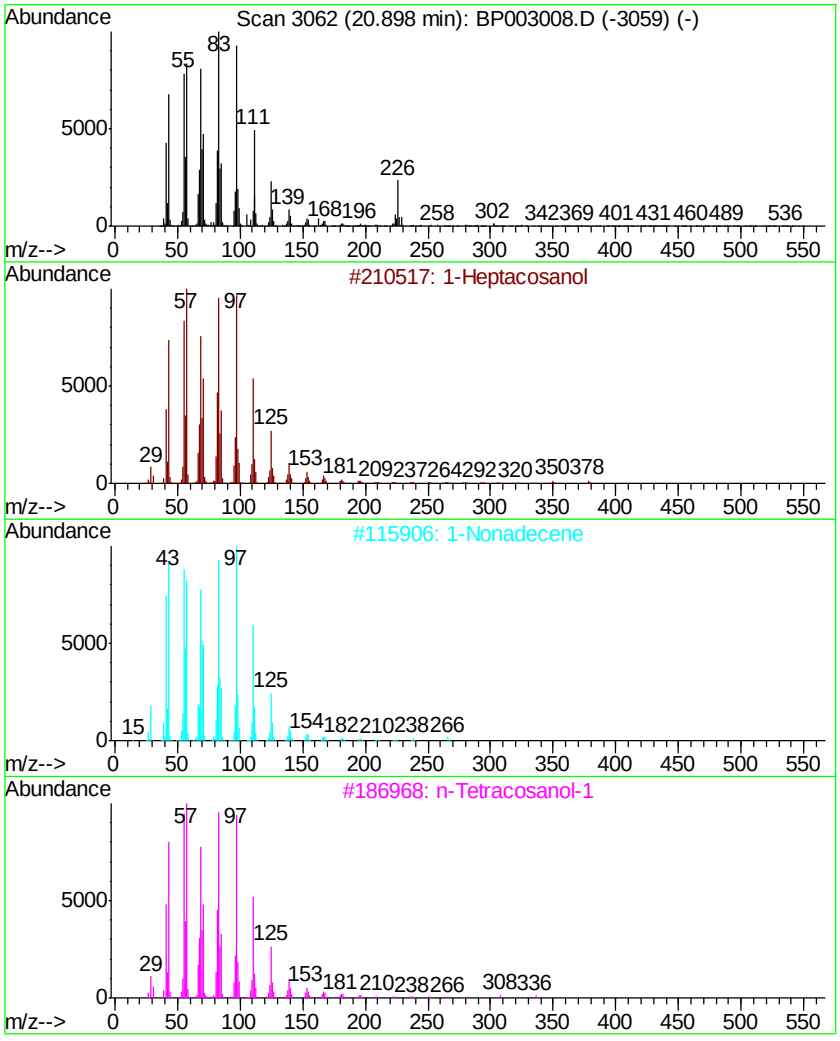
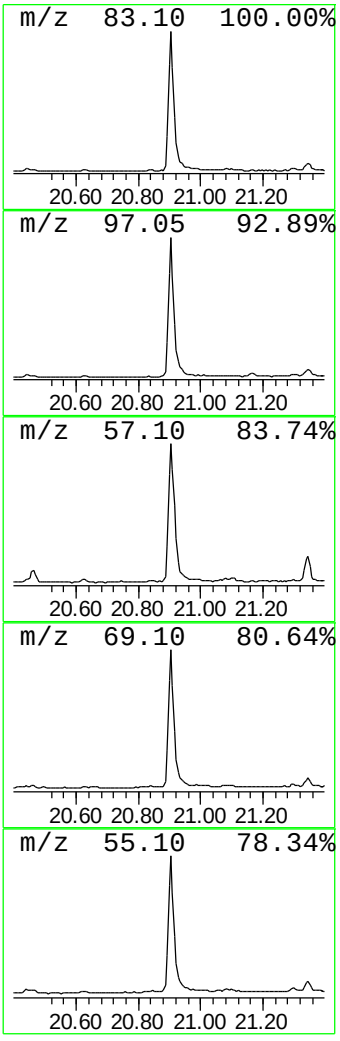
Peak Number 4 1-Heptacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	8.68 ng	2350870	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	1-Nonadecene	266	C19H38	018435-45-5	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081720\
Data File : BP003008.D
Acq On : 17 Aug 2020 18:19
Operator : CG/JU
Sample : L3691-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S707-N-SO-0-0.5-081320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.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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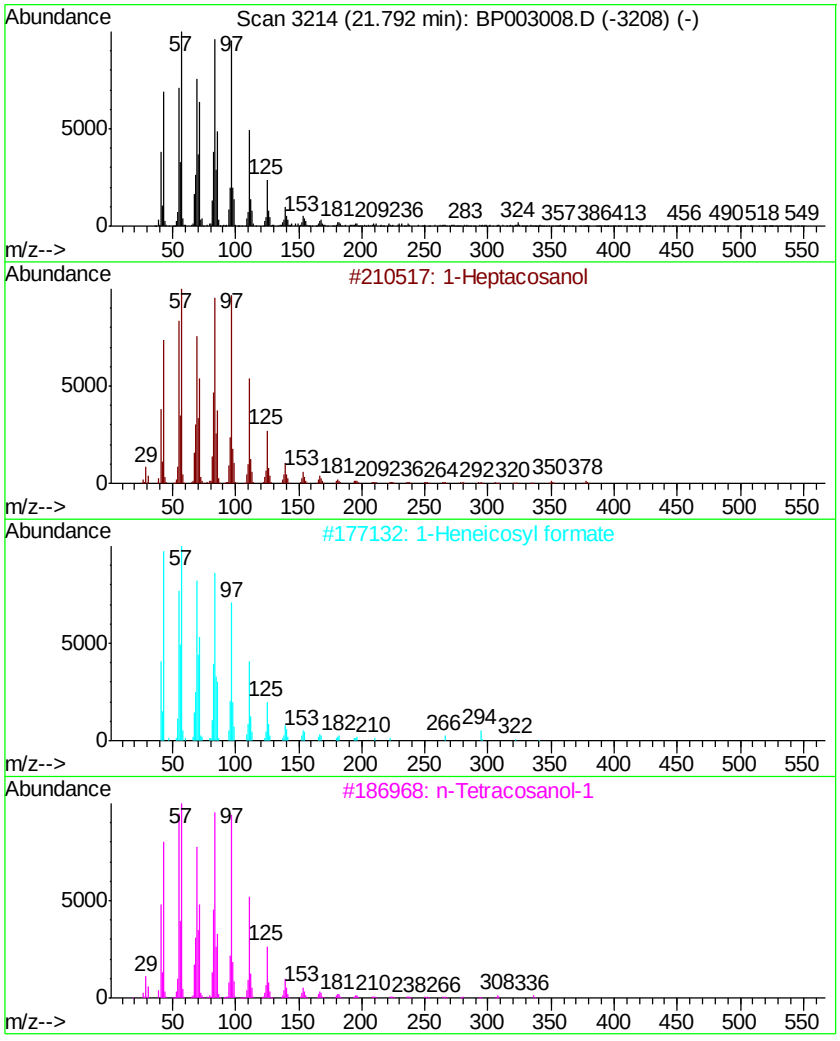
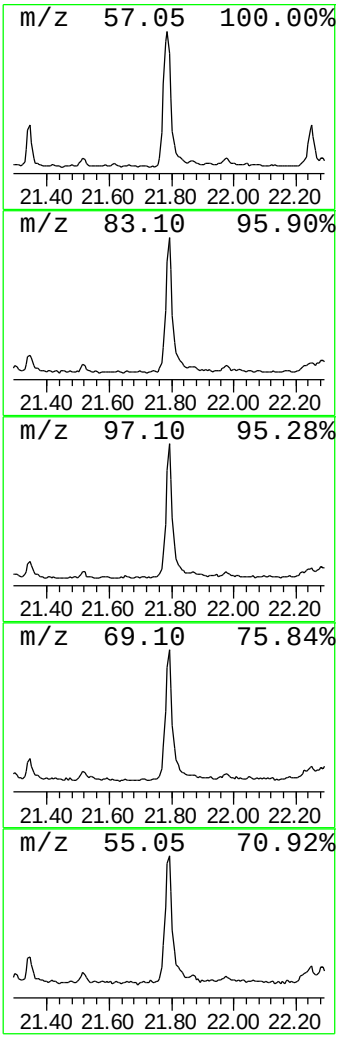
Peak Number 5 1-Heneicosyl formate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.79	4.75 ng	1286180	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	Heptacosyl acetate	438	C29H58O2	1000351-78-2	92





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081720\
Data File : BP003008.D
Acq On : 17 Aug 2020 18:19
Operator : CG/JU
Sample : L3691-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S707-N-SO-0-0.5-081320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.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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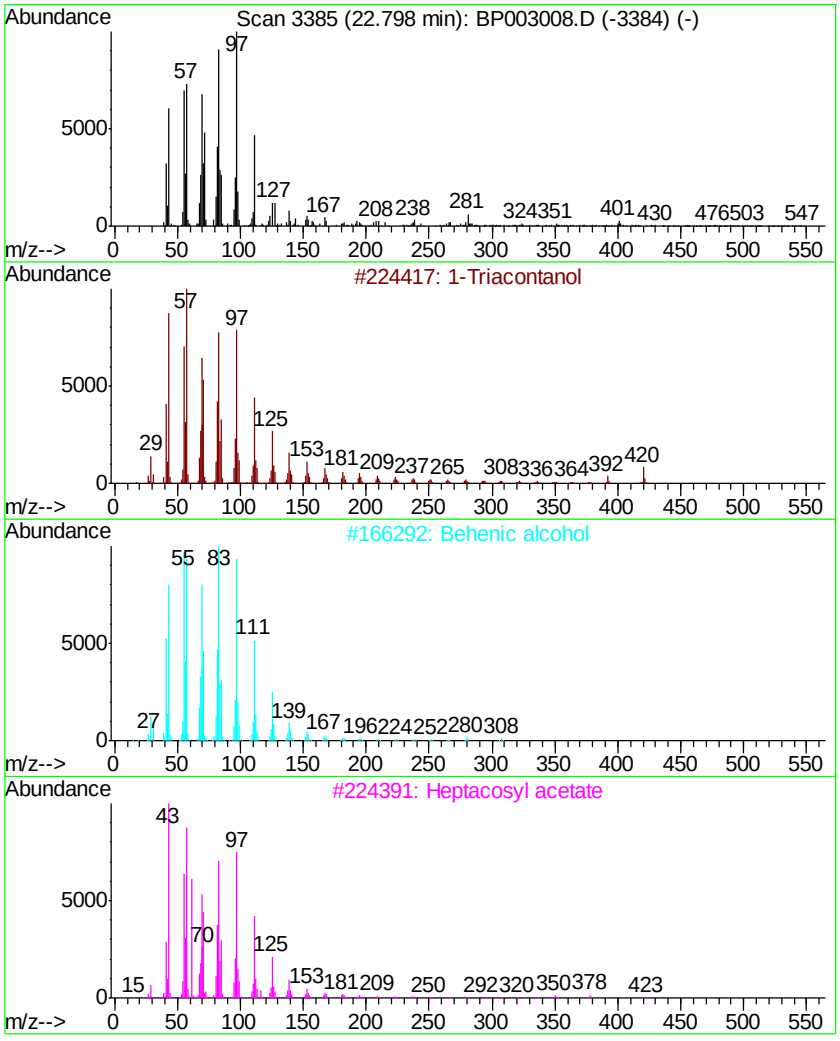
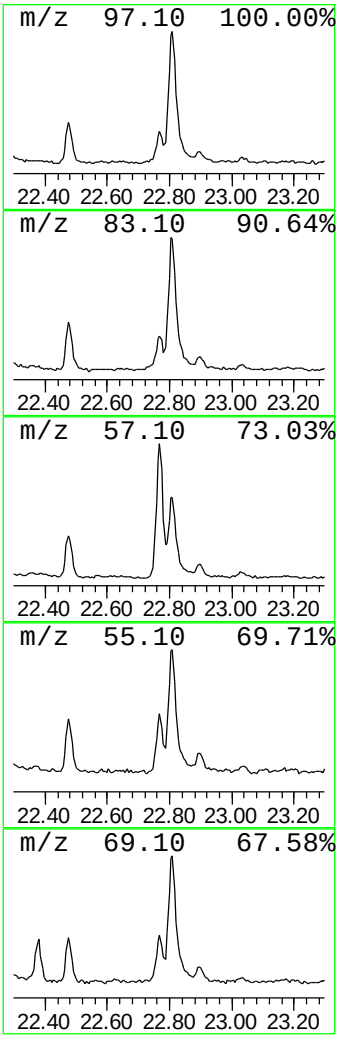
Peak Number 6 1-Triacontanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	3.19 ng	827160	Perylene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Triacontanol	438	C30H62O	000593-50-0	95
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	Heptacosyl acetate	438	C29H58O2	1000351-78-2	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	Cyclotetracosane	336	C24H48	000297-03-0	93





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Data File : BP003008.D
Acq On : 17 Aug 2020 18:19
Operator : CG/JU
Sample : L3691-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S707-N-SO-0-0.5-081320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.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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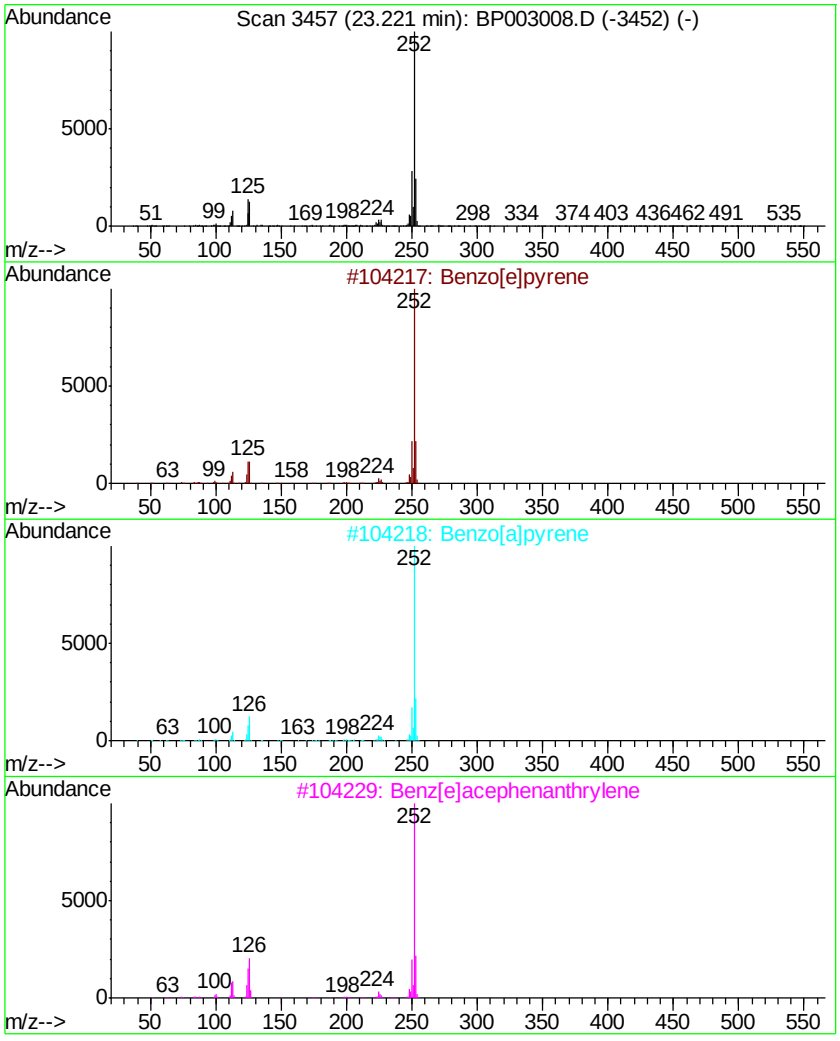
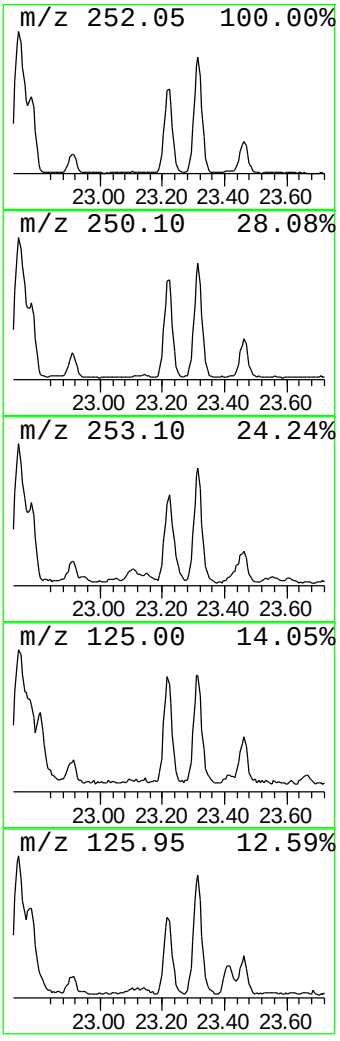
Peak Number 7 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.22	2.35 ng	608387	Perylene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081720\
Data File : BP003008.D
Acq On : 17 Aug 2020 18:19
Operator : CG/JU
Sample : L3691-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S707-N-SO-0-0.5-081320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.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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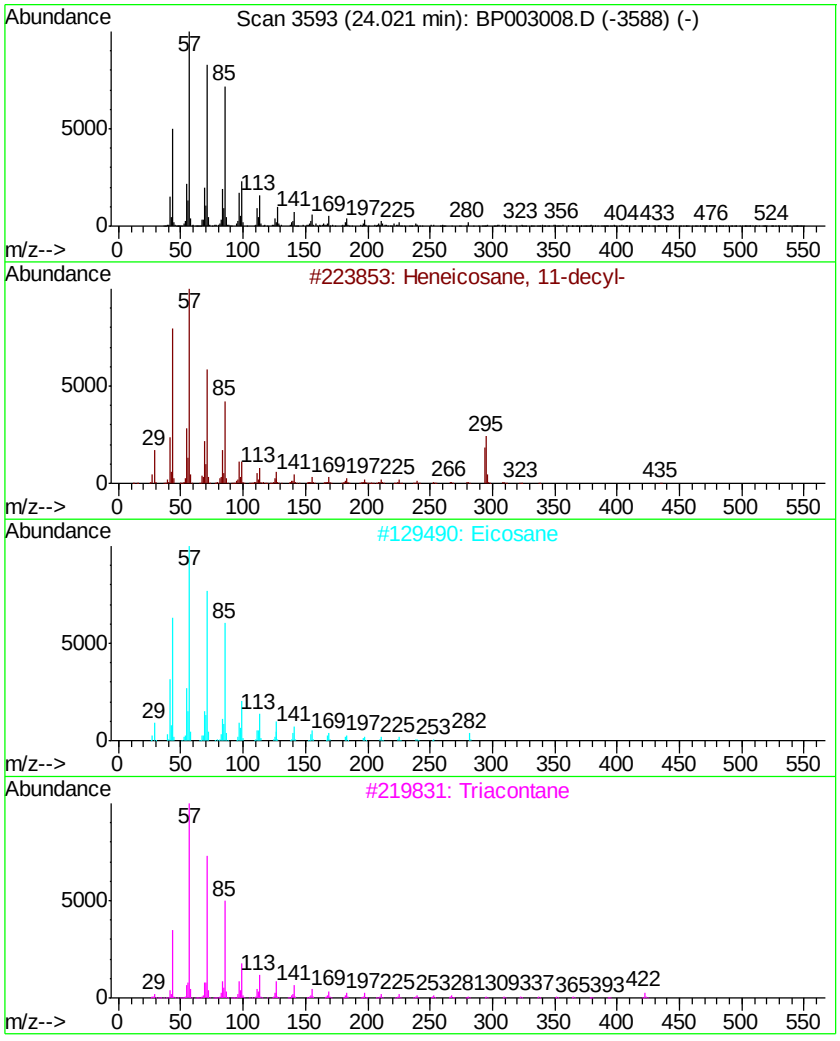
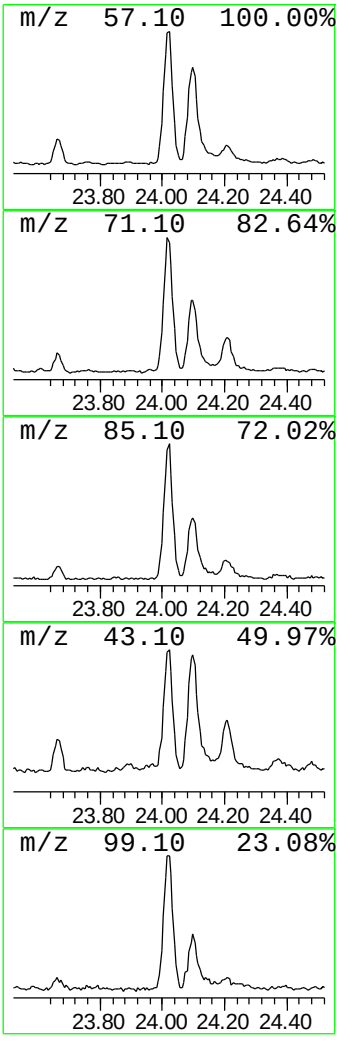
Peak Number 8 Heneicosane, 11-decyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	2.51 ng	649900	Perylene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	94
2	Eicosane	282	C20H42	000112-95-8	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Docosane, 7-hexyl-	394	C28H58	055373-86-9	91
5	Pentacosane	352	C25H52	000629-99-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081720\
Data File : BP003008.D
Acq On : 17 Aug 2020 18:19
Operator : CG/JU
Sample : L3691-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S707-N-SO-0-0.5-081320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.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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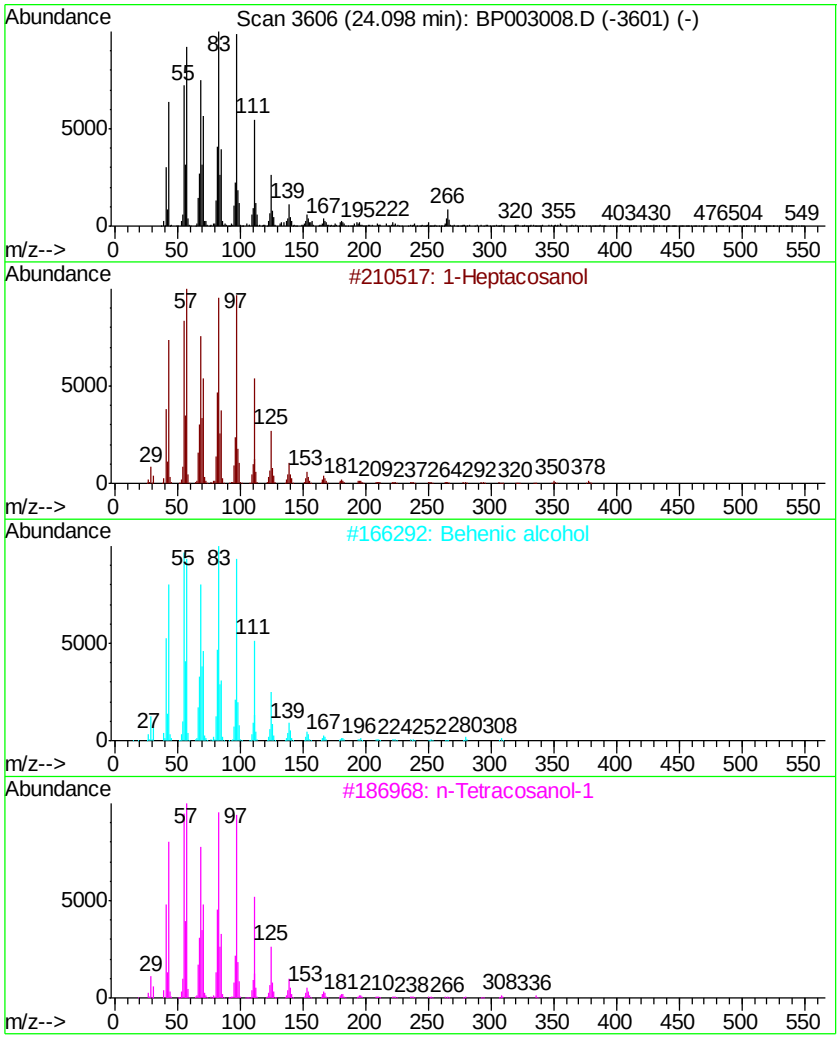
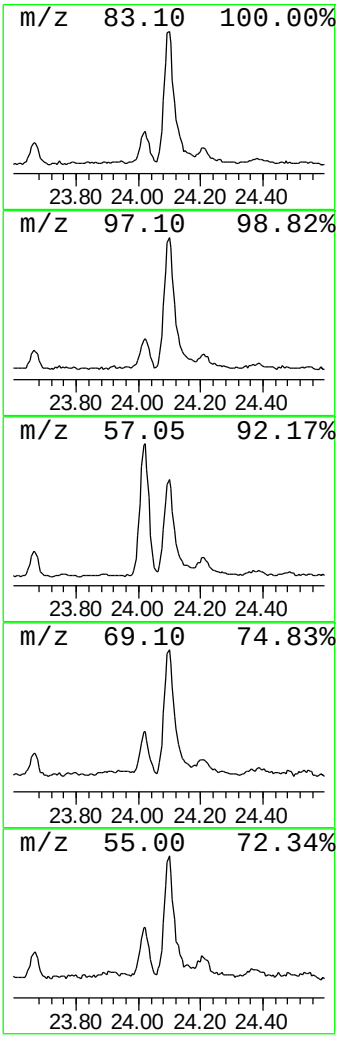
Peak Number 9 Behenic alcohol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	3.98 ng	1032840	Perylene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	Octacosanol	410	C28H58O	000557-61-9	92
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP081720\
Data File : BP003008.D
Acq On : 17 Aug 2020 18:19
Operator : CG/JU
Sample : L3691-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : S707-N-SO-0-0.5-081320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.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
Butane, 2-methoxy...	2.96	16.7	ng	1534770	1	7.69	1838490	20.0
n-Hexadecanoic acid	18.00	9.5	ng	1704040	4	17.07	3595190	20.0
Octadecanoic acid	19.23	2.0	ng	555882	5	21.17	5416710	20.0
1-Heptacosanol	20.90	8.7	ng	2350870	5	21.17	5416710	20.0
1-Heneicosyl formate	21.79	4.8	ng	1286180	5	21.17	5416710	20.0
1-Triacontanol	22.80	3.2	ng	827160	6	23.42	5185120	20.0
Benzo[e]pyrene	23.22	2.4	ng	608387	6	23.42	5185120	20.0
Heneicosane, 11-d...	24.02	2.5	ng	649900	6	23.42	5185120	20.0
Behenic alcohol	24.10	4.0	ng	1032840	6	23.42	5185120	20.0