LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
Data File : BP002879.D
Acq On : 30 Jul 2020 16:42
Operator : CG/JU
Sample : L3473-09
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2-D

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	2.917	3	5	14	rVB	841037	1231196	3.85%	0.505%
2	2.993	14	18	43	rVB	2542464	3314380	10.37%	1.361%
3	5.322	407	414	426	rBV	5796680	8105262	25.36%	3.328%
4	6.887	673	680	694	rBV	5342725	8243615	25.79%	3.385%
5	7.716	815	821	829	rVB	1868468	2850076	8.92%	1.170%
6	8.857	1008	1015	1024	rBV	3390959	5560175	17.40%	2.283%
7	10.499	1287	1294	1302	rBV	2406134	3955381	12.38%	1.624%
8	12.981	1708	1716	1724	rBV	9015654	13179989	41.24%	5.411%
9	13.816	1851	1858	1864	rBV	1146918	1552577	4.86%	0.637%
10	14.357	1943	1950	1956	rBV	3738479	5393967	16.88%	2.215%
11	15.845	2197	2203	2214	rBV	6244841	8886905	27.81%	3.649%
12	16.951	2369	2391	2411	rBV	1520400	10399436	32.54%	4.270%
13	17.110	2412	2418	2422	rBV	4644898	6664897	20.85%	2.736%
14	17.157	2422	2426	2427	rBV	957014	1237277	3.87%	0.508%
15	17.375	2451	2463	2482	rVB	7690832	31960104	100.00%	13.122%
16	17.663	2501	2512	2527	rVB	530213	1895223	5.93%	0.778%
17	17.986	2561	2567	2570	rBV3	212117	447311	1.40%	0.184%
18	18.039	2570	2576	2593	rVB	3380931	5548091	17.36%	2.278%
19	18.786	2694	2703	2714	rVB	2221748	5670967	17.74%	2.328%
20	19.127	2756	2761	2765	rBV	1367235	1770871	5.54%	0.727%
21	19.275	2781	2786	2808	rVB	5284309	7818561	24.46%	3.210%
22	19.474	2812	2820	2828	rVB	1183399	2019638	6.32%	0.829%
23	19.686	2851	2856	2866	rVB	15161722	18799493	58.82%	7.718%
24	19.798	2868	2875	2889	rVB	3981936	7807526	24.43%	3.205%
25	20.616	3007	3014	3023	rBV	4876992	8504461	26.61%	3.492%
26	20.774	3037	3041	3048	rVB	429760	682721	2.14%	0.280%
27	20.945	3065	3070	3076	rBV4	1956329	2648340	8.29%	1.087%
28	21.198	3107	3113	3118	rBV	5766880	8524445	26.67%	3.500%
29	21.239	3118	3120	3125	rVB	631617	620339	1.94%	0.255%
30	21.304	3125	3131	3137	rBV	6054094	9041489	28.29%	3.712%
31	21.392	3142	3146	3150	rBV	599908	634952	1.99%	0.261%
32	21.833	3218	3221	3227	rVB	981442	1251845	3.92%	0.514%
33	21.992	3241	3248	3262	rVB	4569637	8228064	25.74%	3.378%
34	22.316	3298	3303	3314	rVB	1343236	2055091	6.43%	0.844%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
Data File : BP002879.D
Acq On : 30 Jul 2020 16:42
Operator : CG/JU
Sample : L3473-09
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2-D

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	22.445	3321	3325	3333	rVB2	526324	817348	2.56%	0.336%
36	22.751	3369	3377	3384	rBV2	3241653	7580545	23.72%	3.112%
37	22.845	3389	3393	3401	rVB2	1579854	2764632	8.65%	1.135%
38	22.968	3408	3414	3421	rVB2	546780	1124342	3.52%	0.462%
39	23.274	3461	3466	3472	rVB	365145	628544	1.97%	0.258%
40	23.374	3477	3483	3489	rVV	582240	1240379	3.88%	0.509%
41	23.468	3489	3499	3513	rVB3	4112142	10087146	31.56%	4.141%
42	23.604	3514	3522	3533	rVB	1958345	4648224	14.54%	1.908%
43	24.127	3605	3611	3617	rBV	750042	1476476	4.62%	0.606%
44	24.198	3619	3623	3637	rVB4	304603	726613	2.27%	0.298%
45	24.586	3680	3689	3702	rBV2	929836	2999772	9.39%	1.232%
46	24.915	3740	3745	3757	rVB2	403101	921076	2.88%	0.378%
47	25.727	3876	3883	3898	rVB5	525739	2047645	6.41%	0.841%

Sum of corrected areas: 243567407

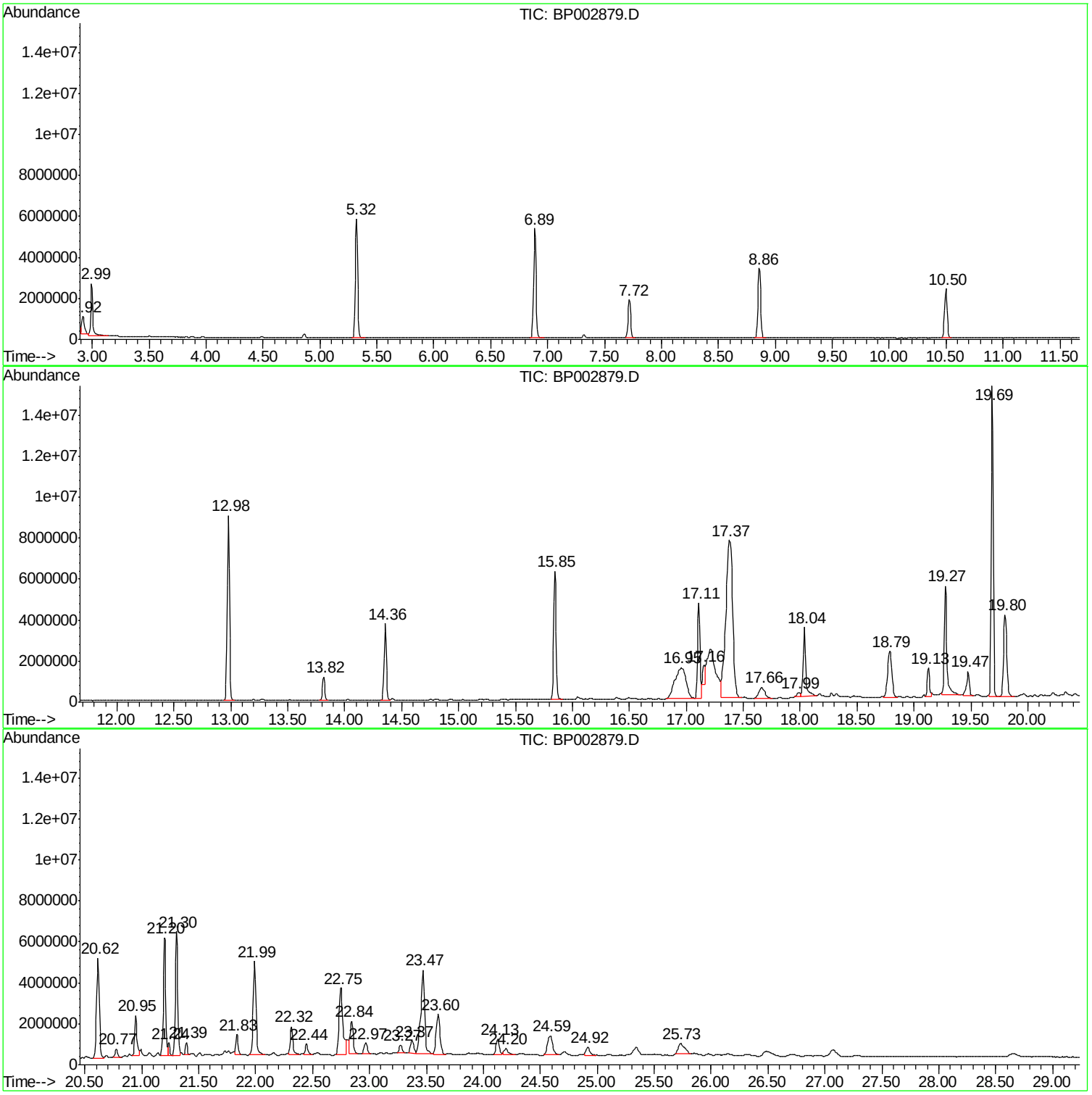
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
Data File : BP002879.D
Acq On : 30 Jul 2020 16:42
Operator : CG/JU
Sample : L3473-09
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2-D

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
Data File : BP002879.D
Acq On : 30 Jul 2020 16:42
Operator : CG/JU
Sample : L3473-09
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2-D

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

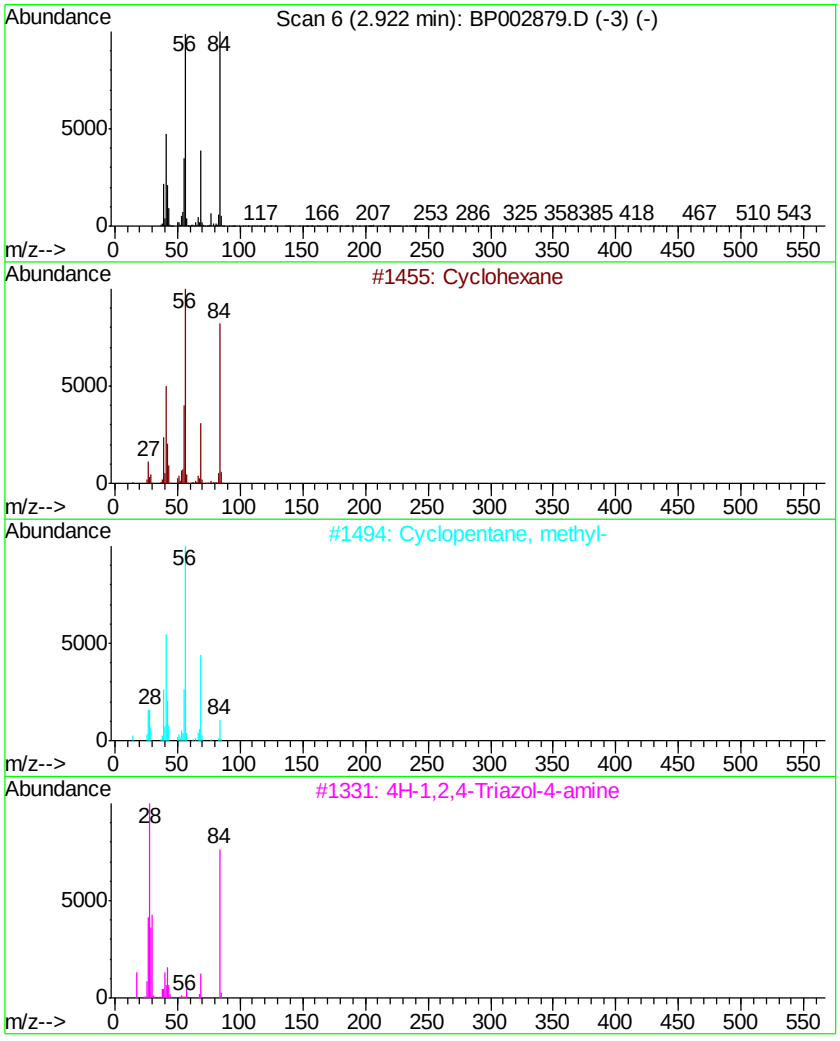
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

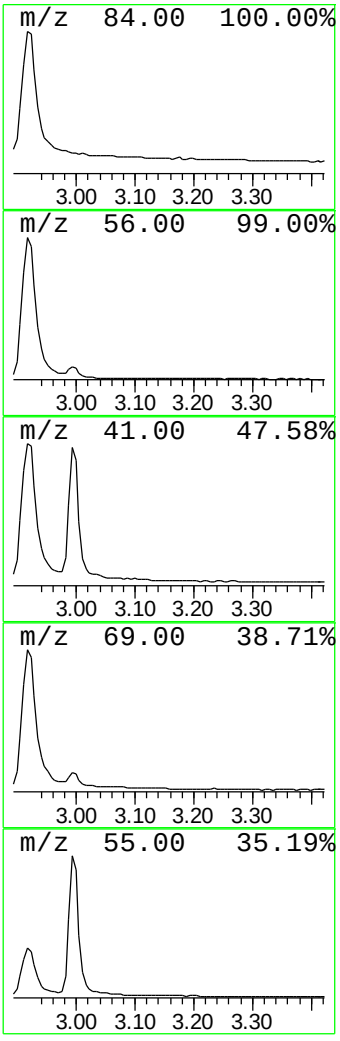
****

Peak Number 1 Cyclohexane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	8.64 ng	1231200	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	47
3	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	43
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	43
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	32





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
Data File : BP002879.D
Acq On : 30 Jul 2020 16:42
Operator : CG/JU
Sample : L3473-09
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2-D

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

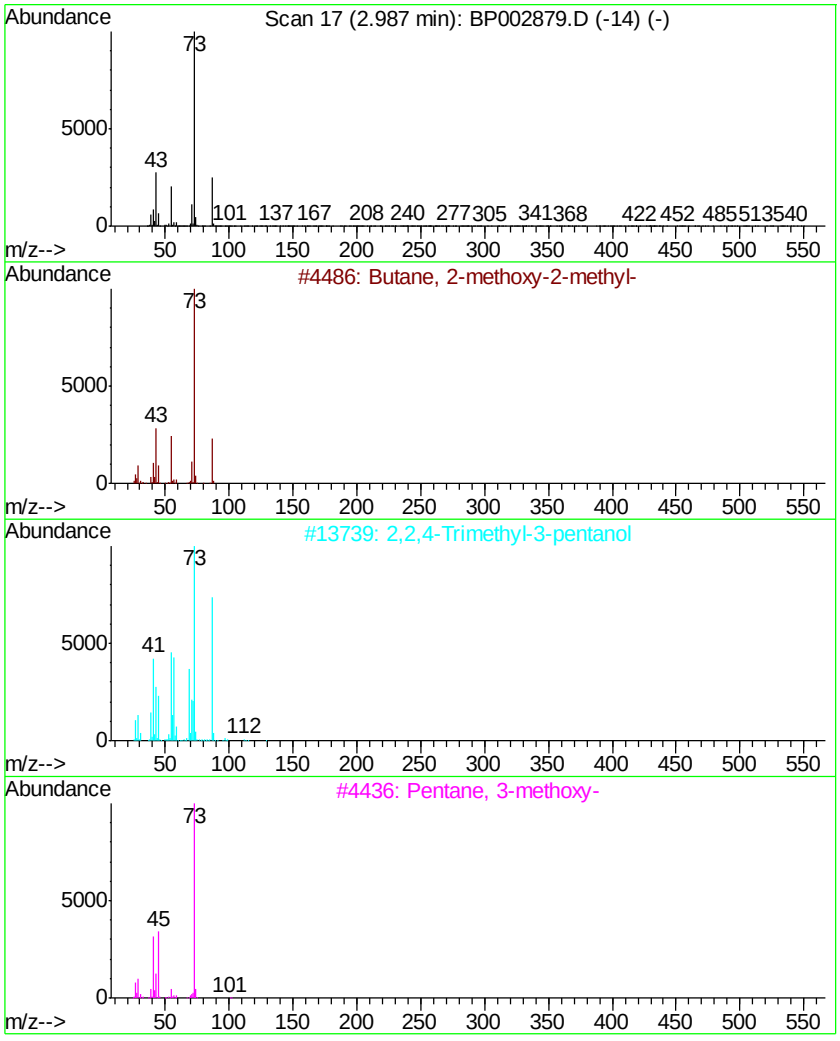
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

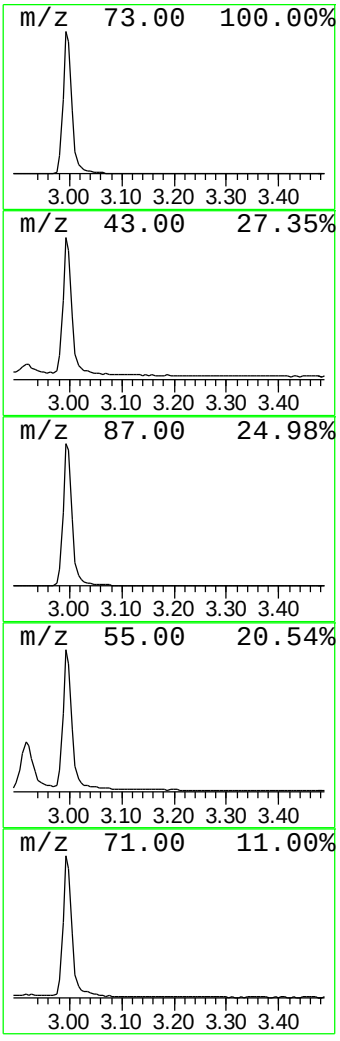
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	23.26 ng	3314380	1,4-Dichlorobenzene-d4	7.72

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	43
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
Data File : BP002879.D
Acq On : 30 Jul 2020 16:42
Operator : CG/JU
Sample : L3473-09
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2-D

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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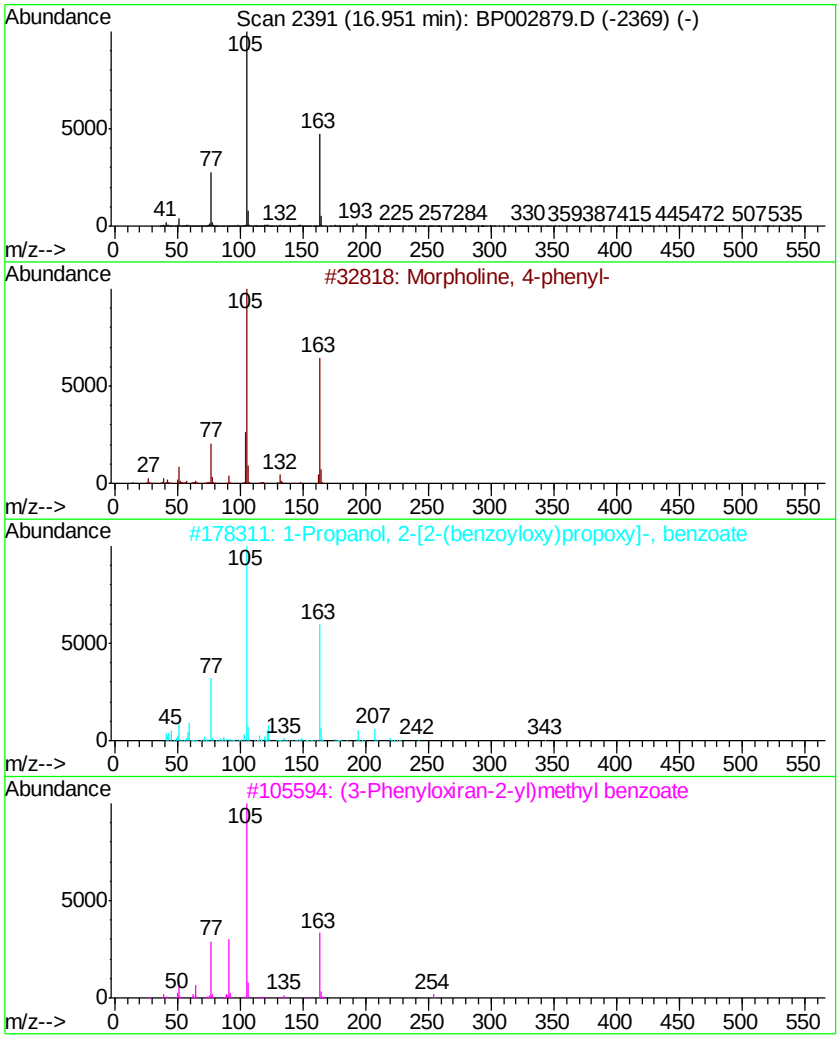
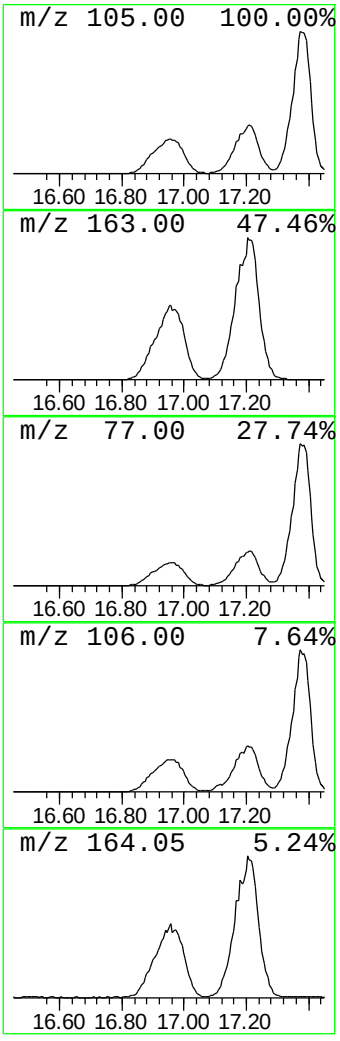
Peak Number 3 Morpholine, 4-phenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	31.21 ng	10399400	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	64
2	1-Propanol, 2-[2-(benzoyloxy)pro...	342	C20H22O5	020109-39-1	40
3	(3-Phenyloxiran-2-yl)methyl benz...	254	C16H14O3	1000366-96-1	39
4	Benzo[b]thiophene-3-carboxylic a...	343	C18H17NO4S	096334-43-9	38
5	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
Data File : BP002879.D
Acq On : 30 Jul 2020 16:42
Operator : CG/JU
Sample : L3473-09
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2-D

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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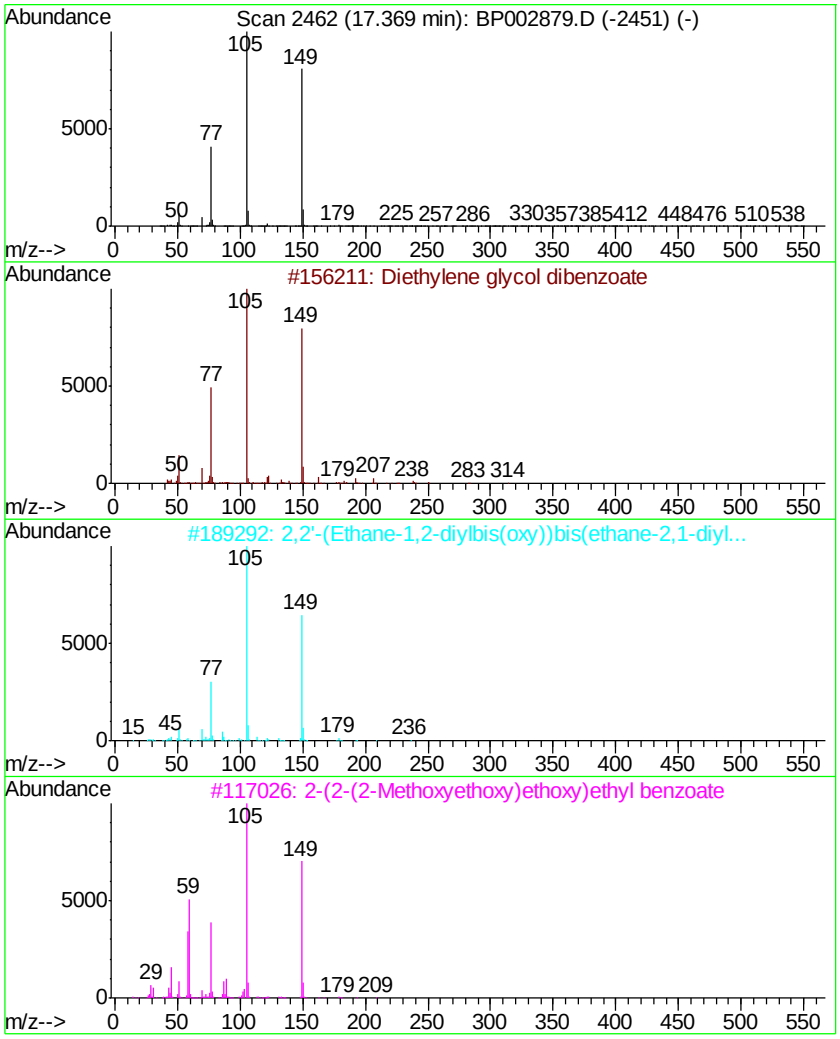
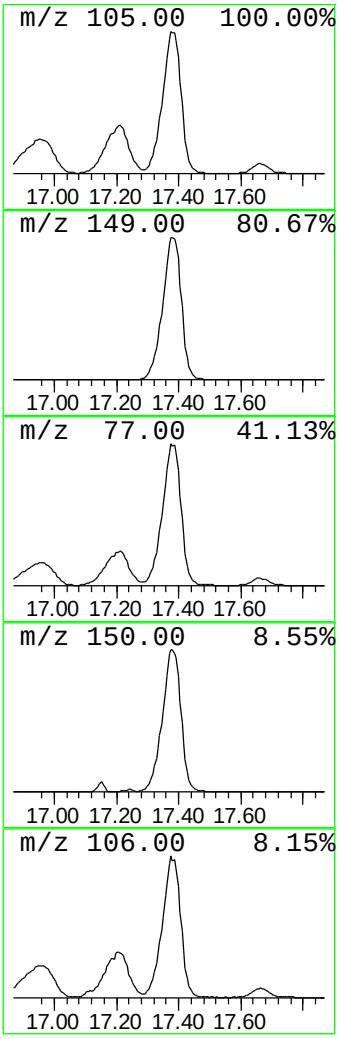
Peak Number 4 Diethylene glycol dibenzoate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	95.91 ng	31960100	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	74
2	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	74
3	2-(2-(2-Methoxyethoxy)ethoxy)eth...	268	C14H20O5	1000366-99-1	74
4	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	74
5	Benzoic acid, 2-(3-nitrophenyl)e...	271	C15H13NO4	1000368-22-4	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
Data File : BP002879.D
Acq On : 30 Jul 2020 16:42
Operator : CG/JU
Sample : L3473-09
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2-D

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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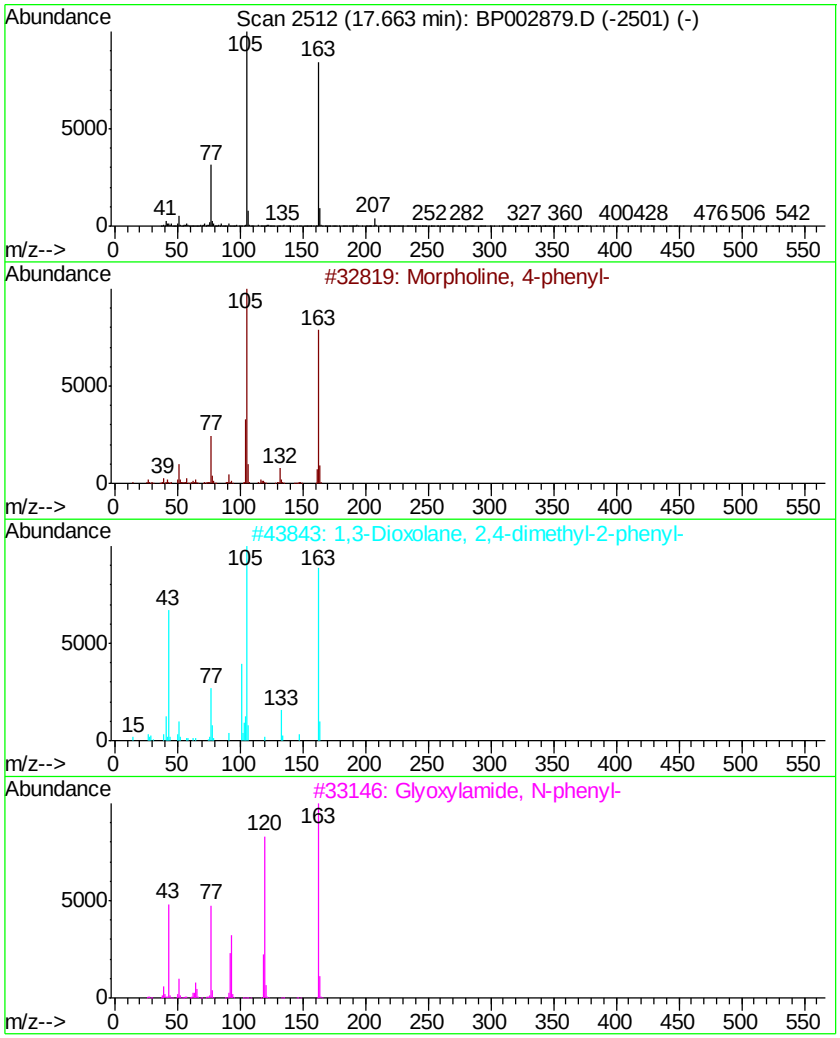
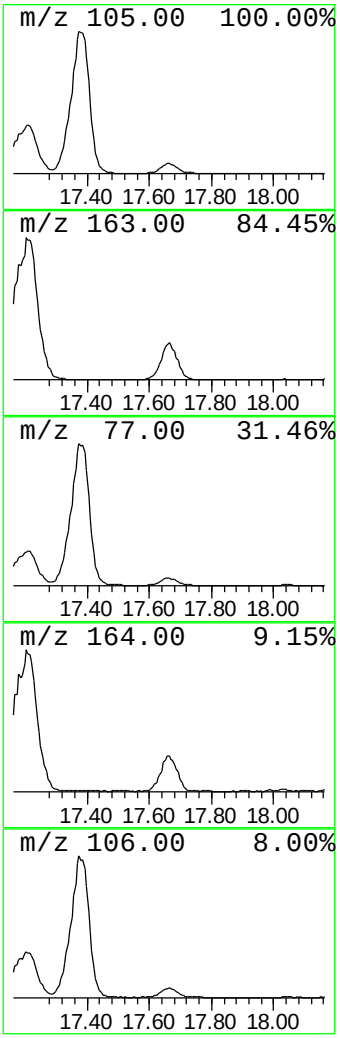
Peak Number 5 1,3-Dioxolane, 2,4-dimethyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.66	5.69 ng	1895220	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	64
2	1,3-Dioxolane, 2,4-dimethyl-2-ph...	178	C11H14O2	004359-30-2	64
3	Glyoxylamide, N-phenyl-	163	C9H9NO2	032331-52-5	53
4	1-Propanol, 2-[2-(benzoyloxy)pro...	342	C20H22O5	020109-39-1	43
5	Phthalic acid, 4-fluoro-2-nitrop...	319	C15H10FNO6	1000315-63-4	40





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
Data File : BP002879.D
Acq On : 30 Jul 2020 16:42
Operator : CG/JU
Sample : L3473-09
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2-D

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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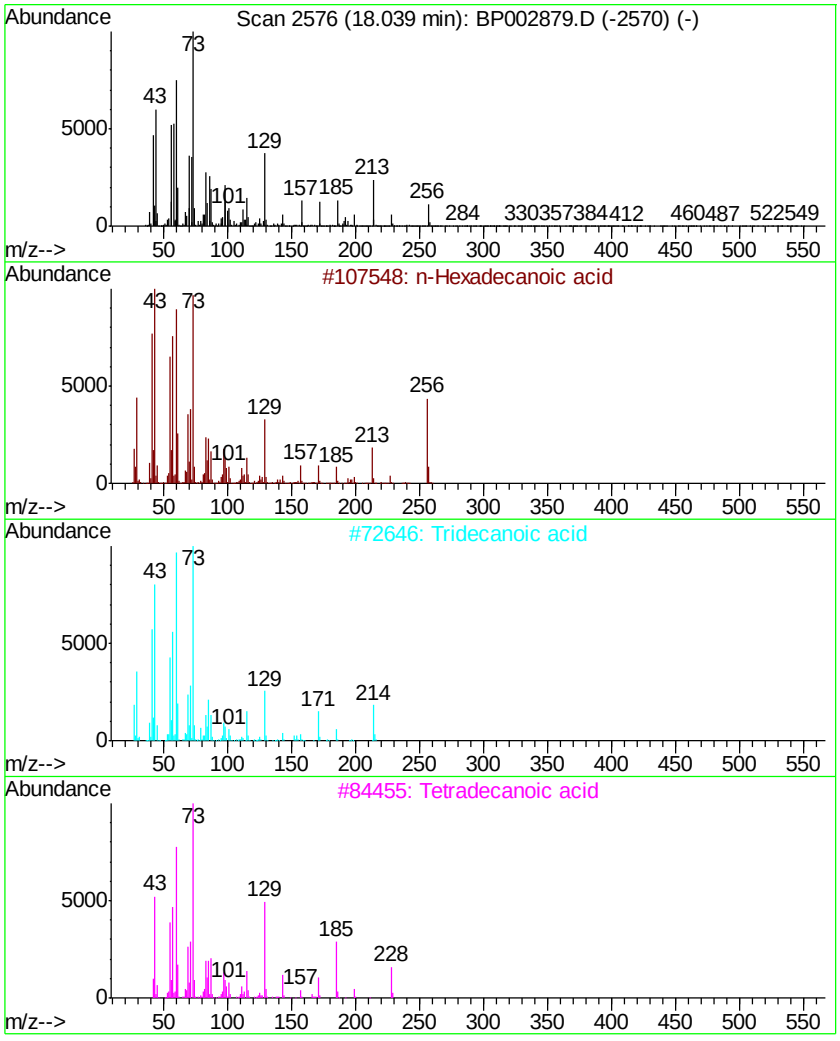
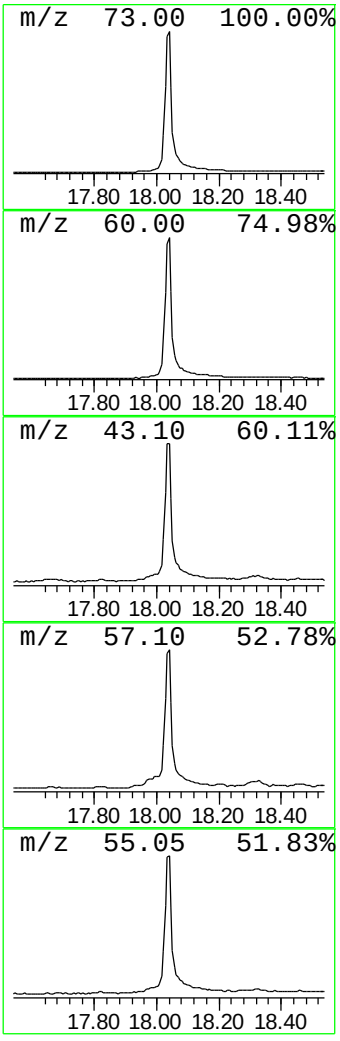
Peak Number 6 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	16.65 ng	5548090	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Octadecanoic acid	284	C18H36O2	000057-11-4	76
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
Data File : BP002879.D
Acq On : 30 Jul 2020 16:42
Operator : CG/JU
Sample : L3473-09
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2-D

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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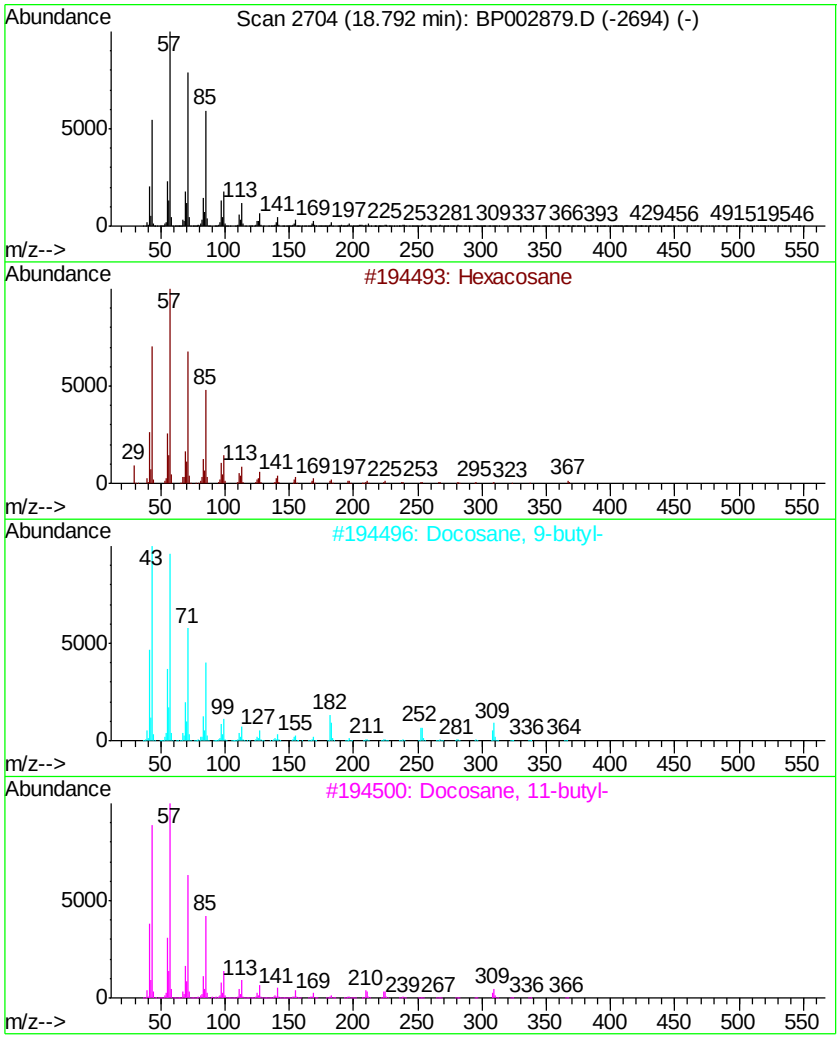
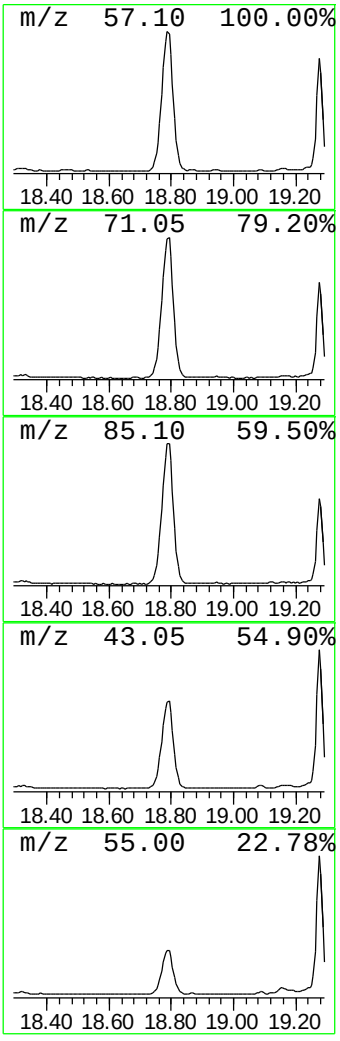
Peak Number 7 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	17.02 ng	5670970	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Docosane, 9-butyl-	366	C26H54	055282-14-9	91
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Docosane, 5-butyl-	366	C26H54	055282-16-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
Data File : BP002879.D
Acq On : 30 Jul 2020 16:42
Operator : CG/JU
Sample : L3473-09
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2-D

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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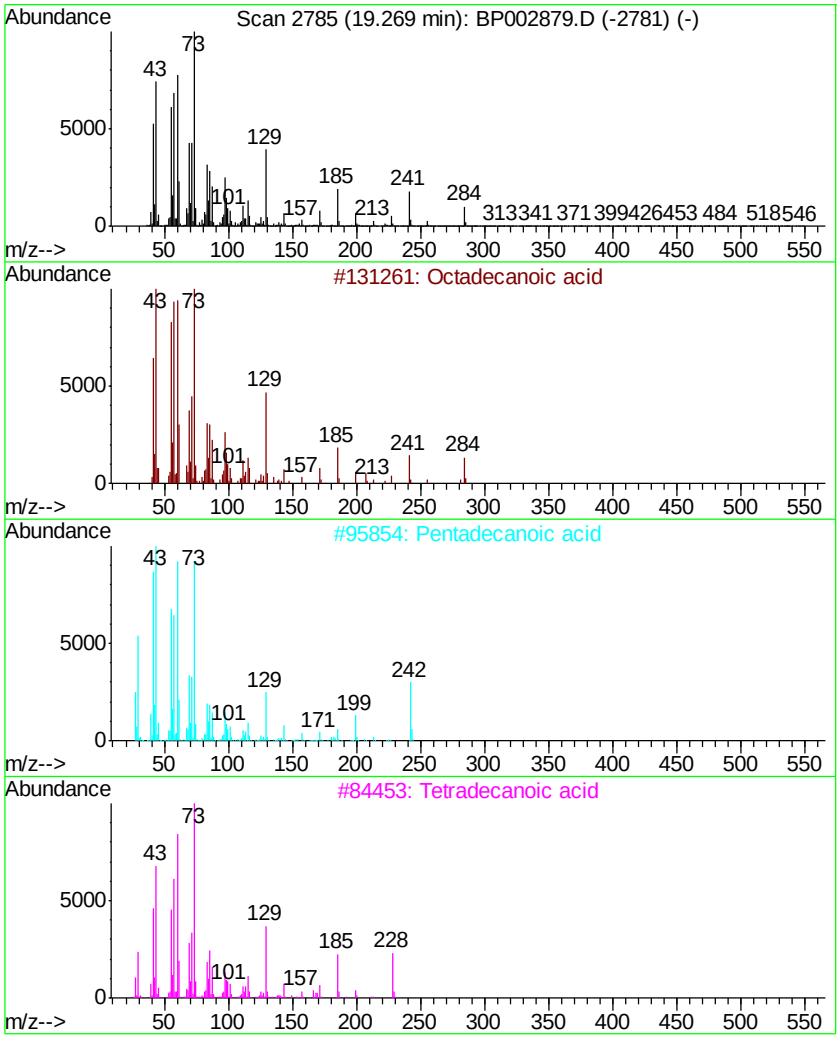
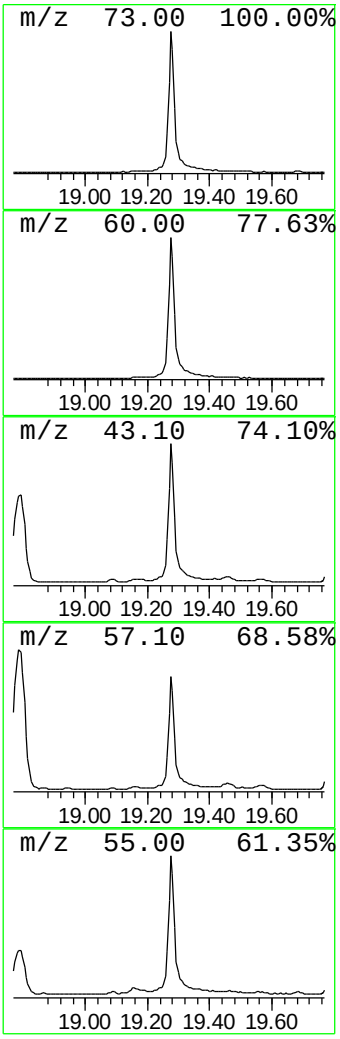
Peak Number 8 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	18.34 ng	7818560	Chrysene-d12	21.20

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Decanoic acid	172	C10H20O2	000334-48-5	62
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





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Acq On : 30 Jul 2020 16:42
Operator : CG/JU
Sample : L3473-09
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2-D

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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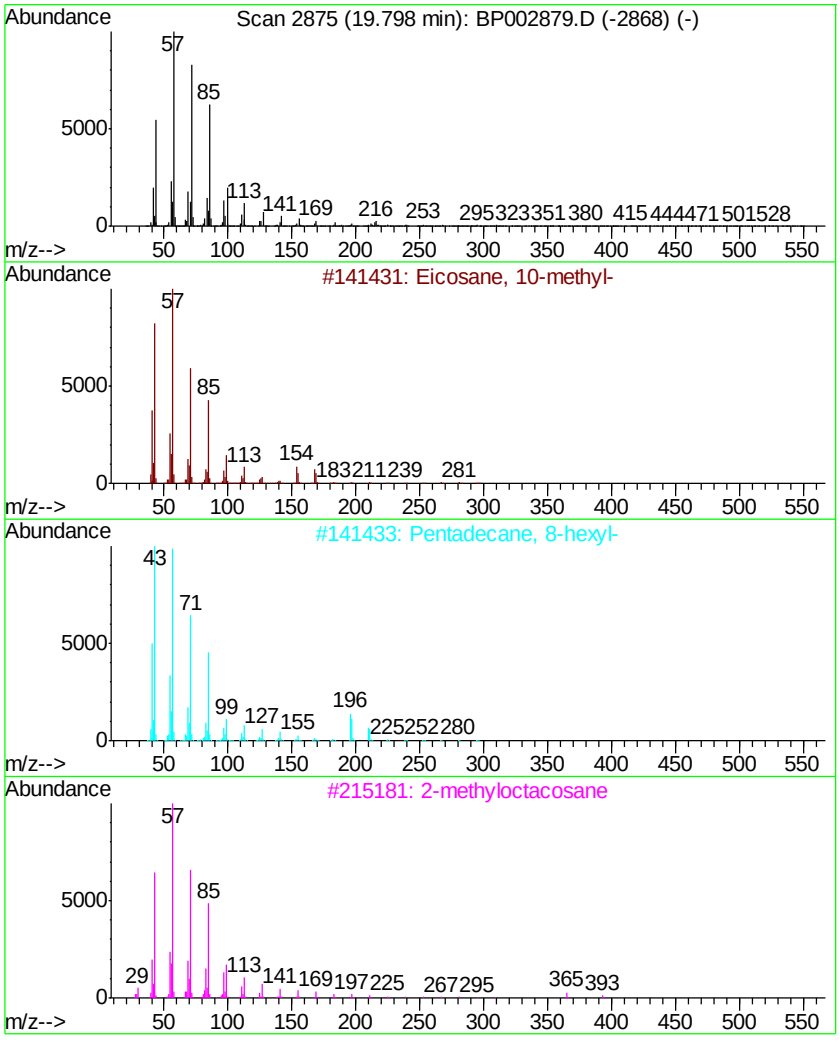
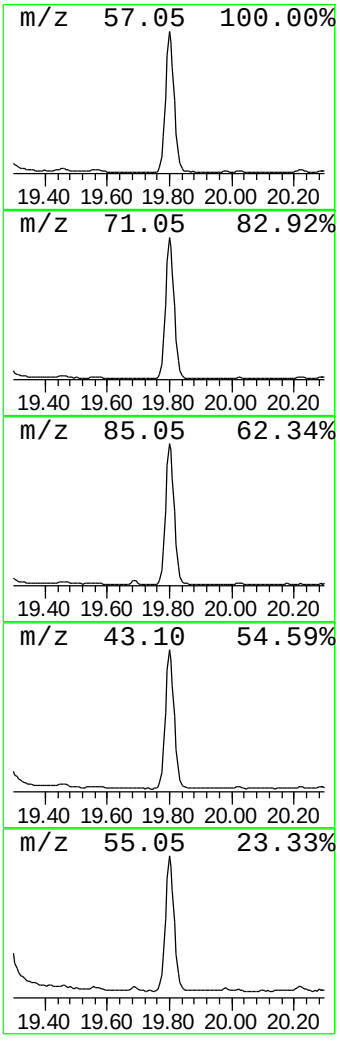
Peak Number 9 Eicosane, 10-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	18.32 ng	7807530	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Hexacosane	366	C26H54	000630-01-3	90





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Operator : CG/JU
Sample : L3473-09
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2-D

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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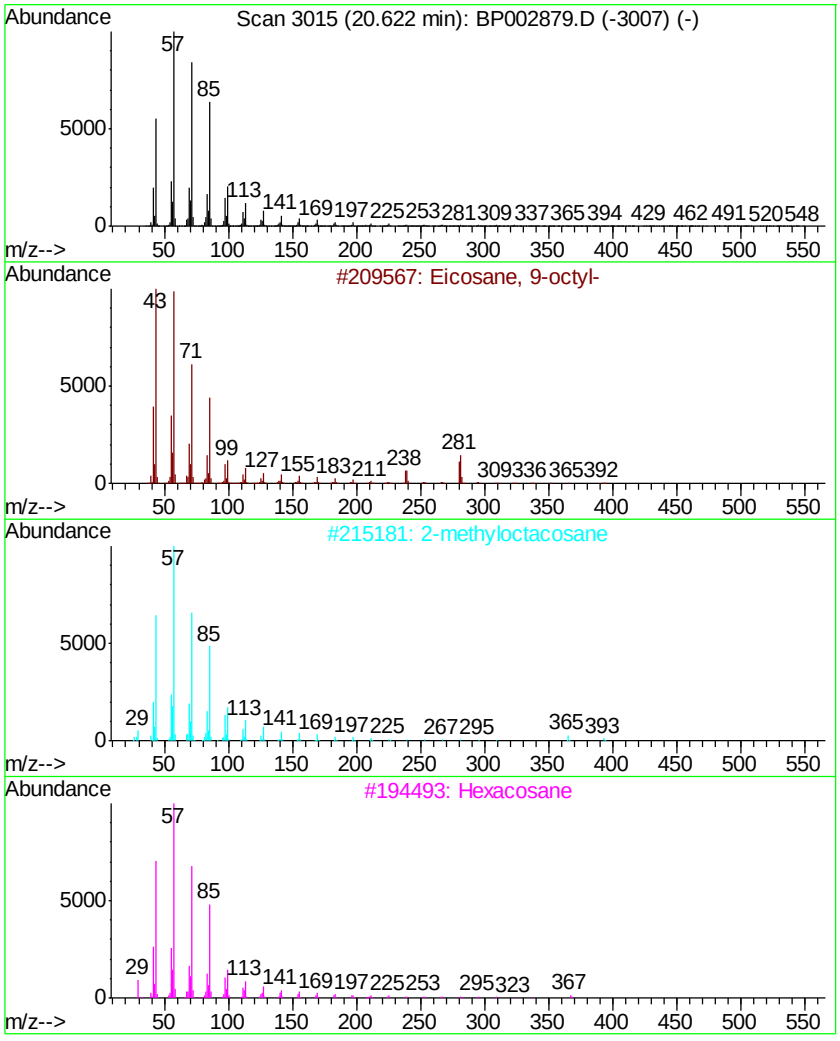
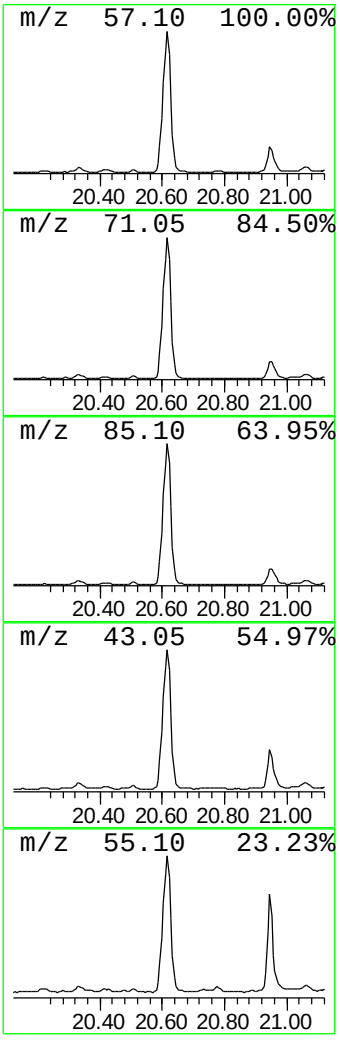
Peak Number 10 Eicosane, 9-octyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.62	19.95 ng	8504460	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptacosane	380	C27H56	000593-49-7	91





Library Search Compound Report

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Sample : L3473-09
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2-D

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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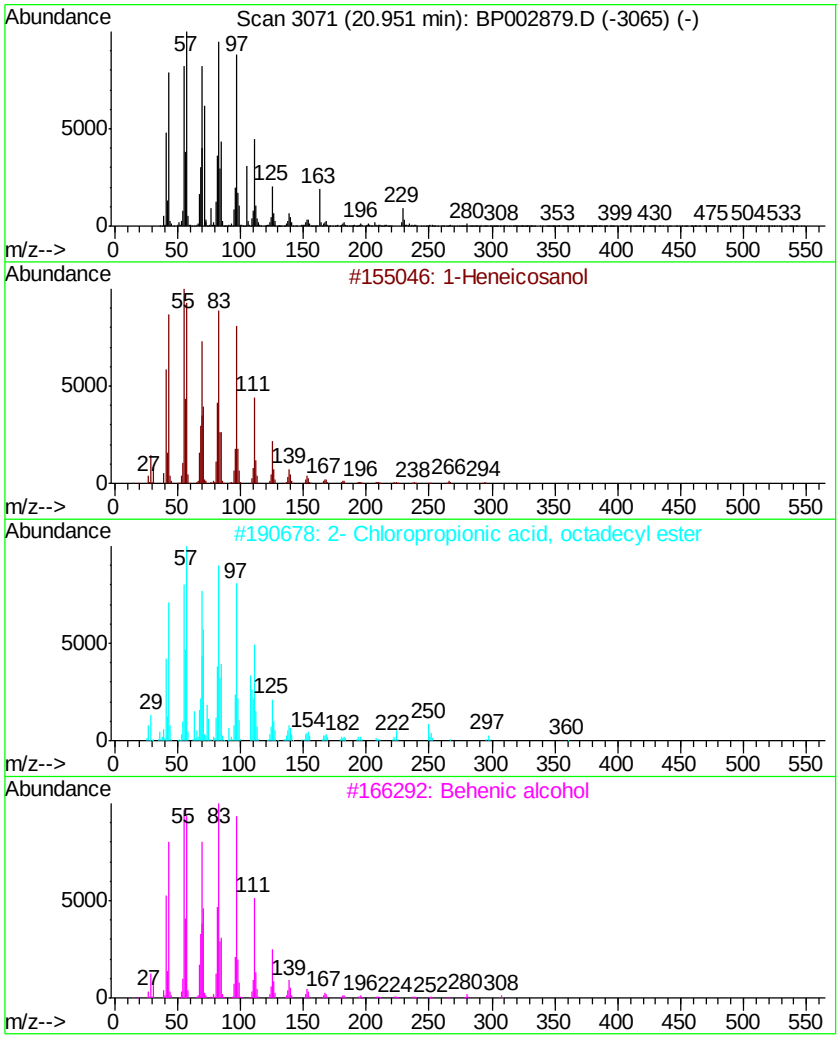
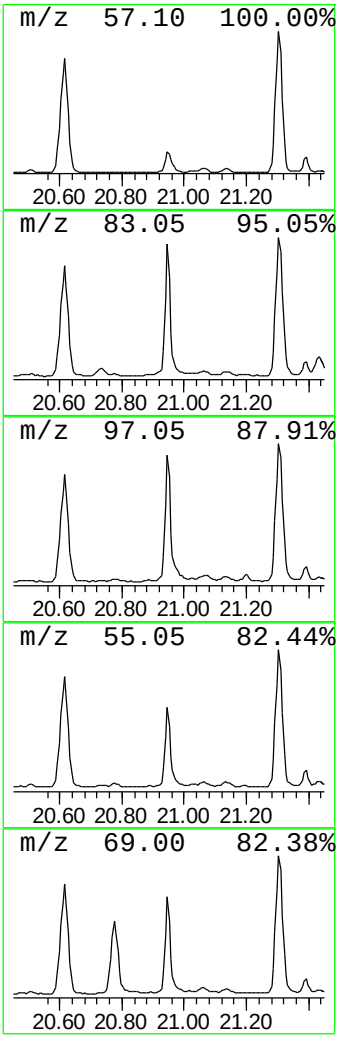
Peak Number 11 1-Heneicosanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	6.21 ng	2648340	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	95
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	1-Heptacosanol	396	C27H56O	002004-39-9	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





Library Search Compound Report

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Acq On : 30 Jul 2020 16:42
Operator : CG/JU
Sample : L3473-09
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2-D

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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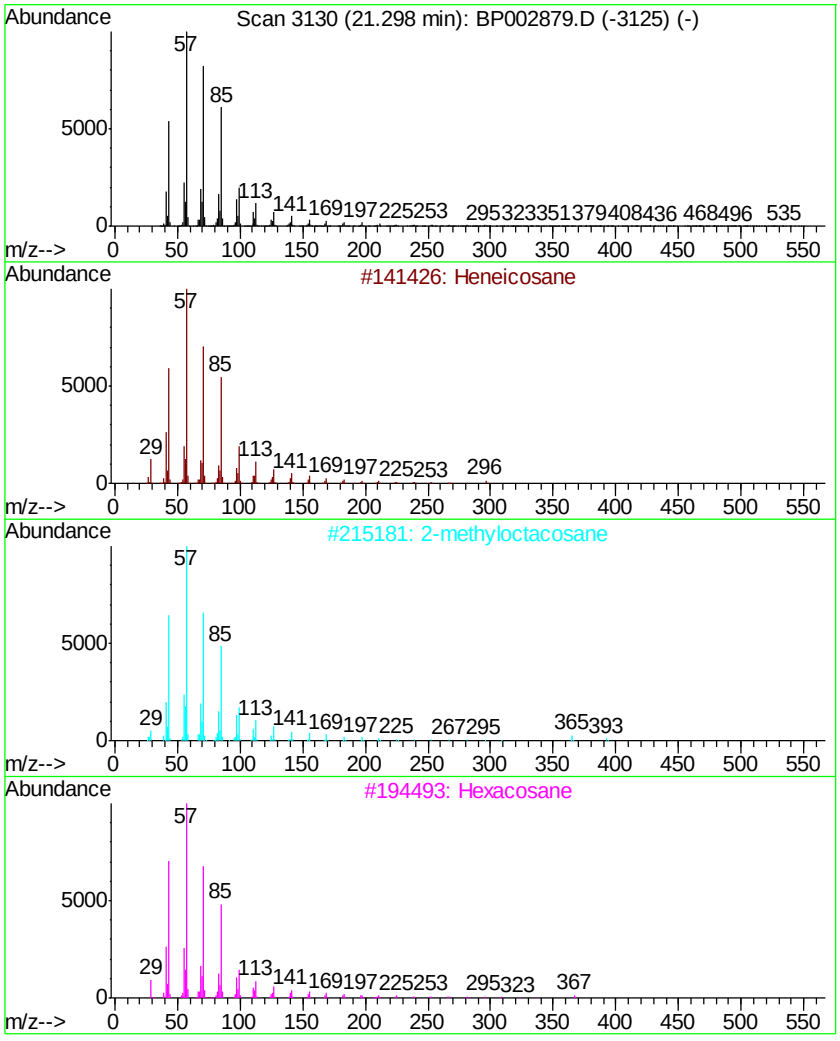
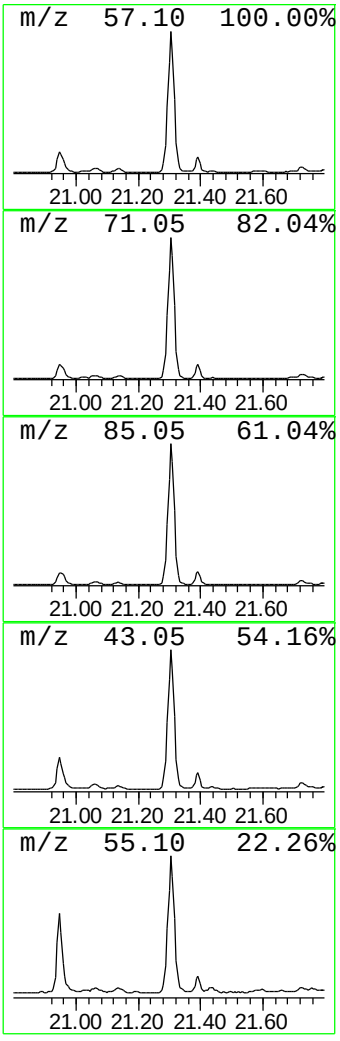
Peak Number 12 2-methyloctacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	21.21 ng	9041490	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heptadecane	240	C17H36	000629-78-7	87
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87





Library Search Compound Report

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Acq On : 30 Jul 2020 16:42
Operator : CG/JU
Sample : L3473-09
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2-D

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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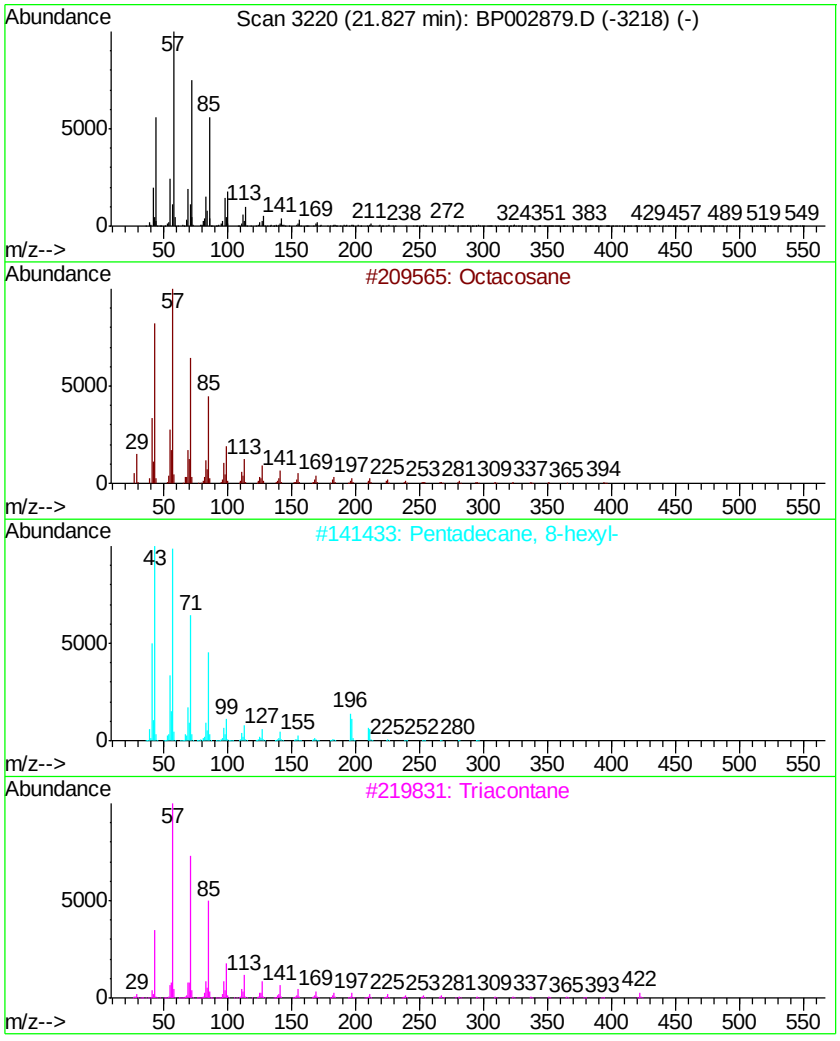
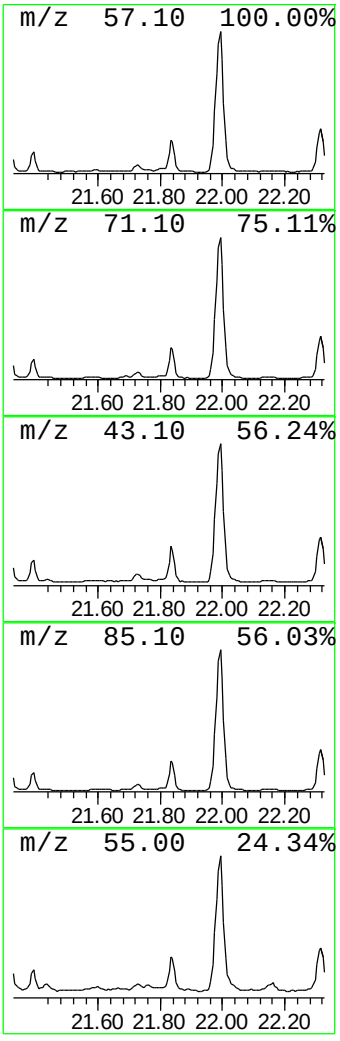
Peak Number 13 Octacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	2.94 ng	1251850	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	98
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3	Triacontane	422	C30H62	000638-68-6	94
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
5	Heneicosane	296	C21H44	000629-94-7	91





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Sample : L3473-09
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2-D

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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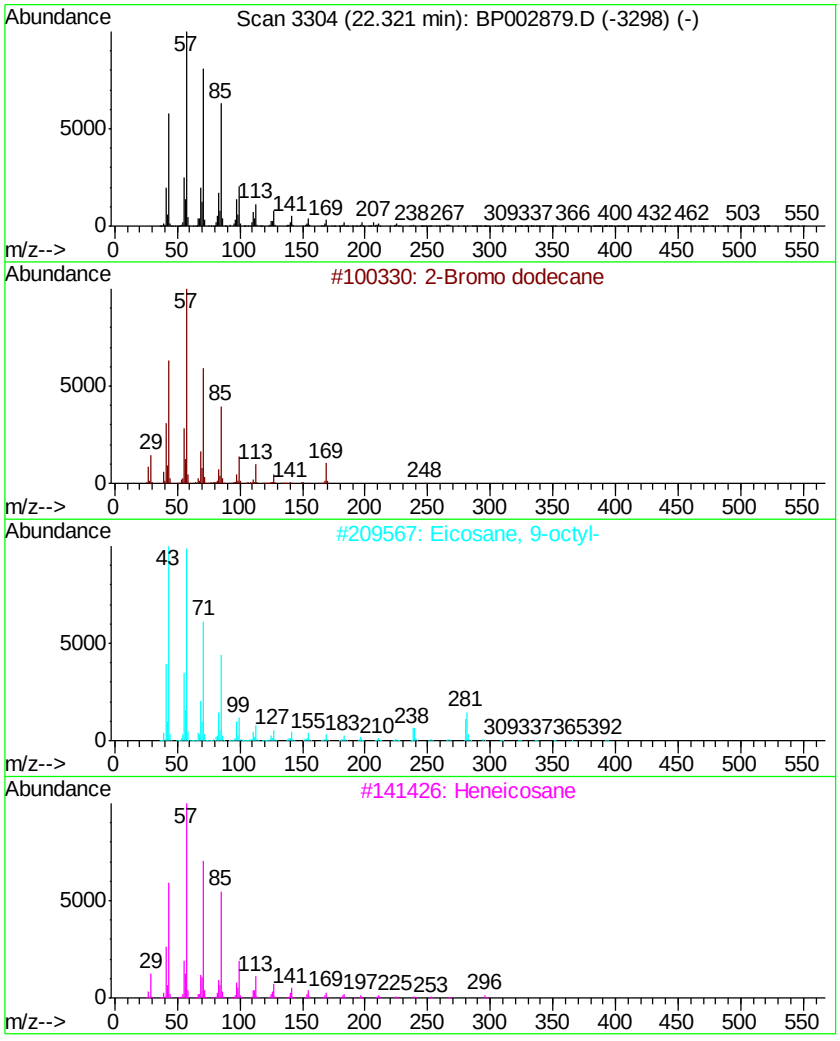
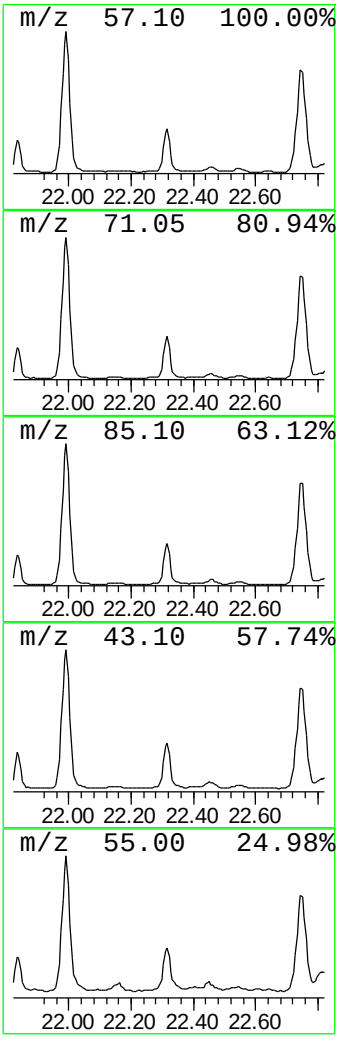
Peak Number 15 2-Bromo dodecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	4.82 ng	2055090	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	94
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	94
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Sample : L3473-09
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ClientSampleId : TP-2-D

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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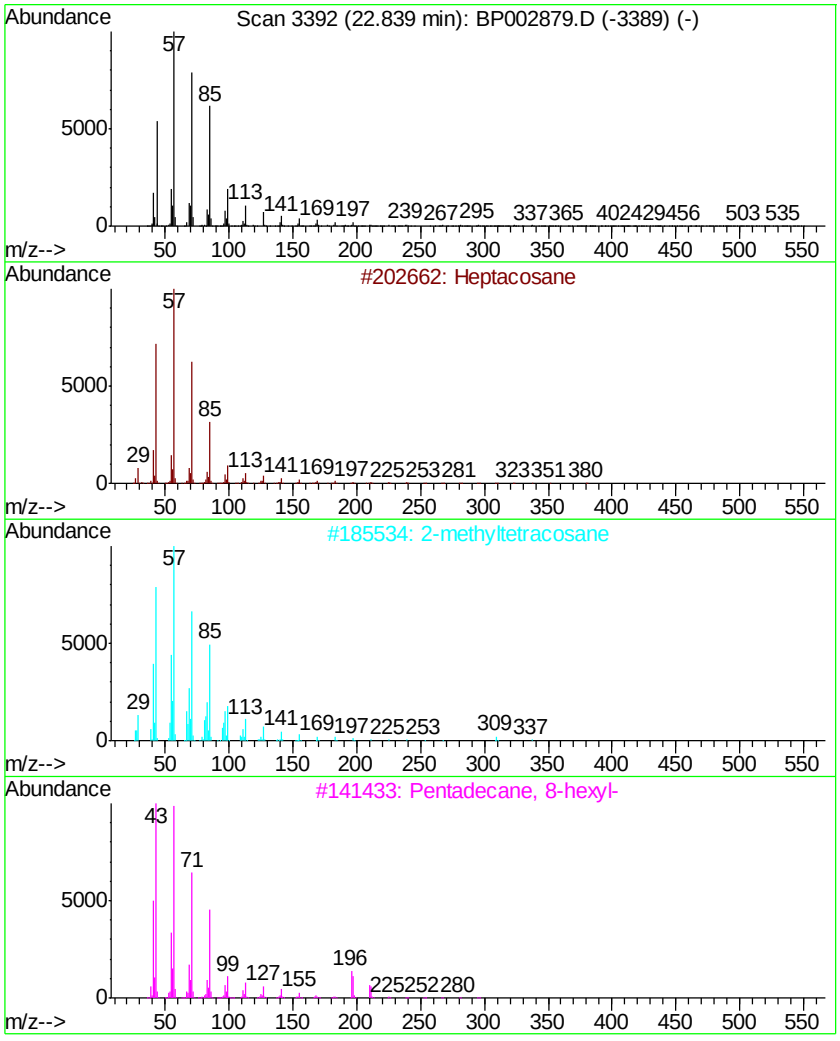
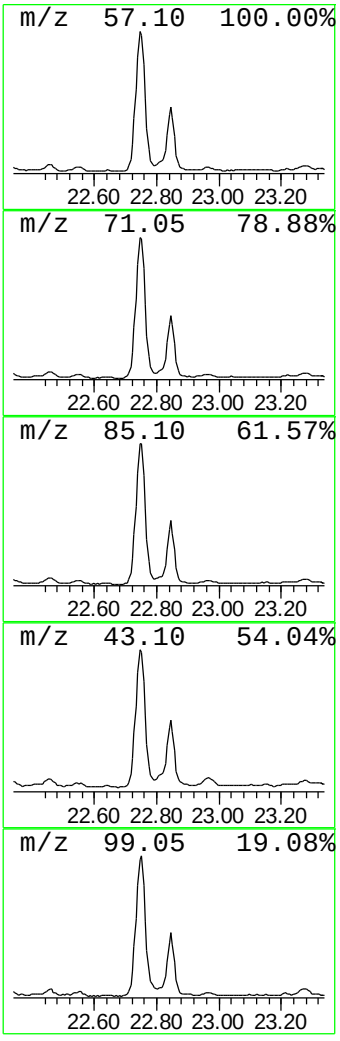
Peak Number 16 Heptacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	5.48 ng	2764630	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	95
2	2-methyltetracosane	352	C25H52	1000376-72-6	90
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
4	Heptadecane, 8,8-dipentyl-	380	C27H56	055282-28-5	87
5	Tetratriacontane	479	C34H70	014167-59-0	86





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Sample : L3473-09
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ClientSampleId : TP-2-D

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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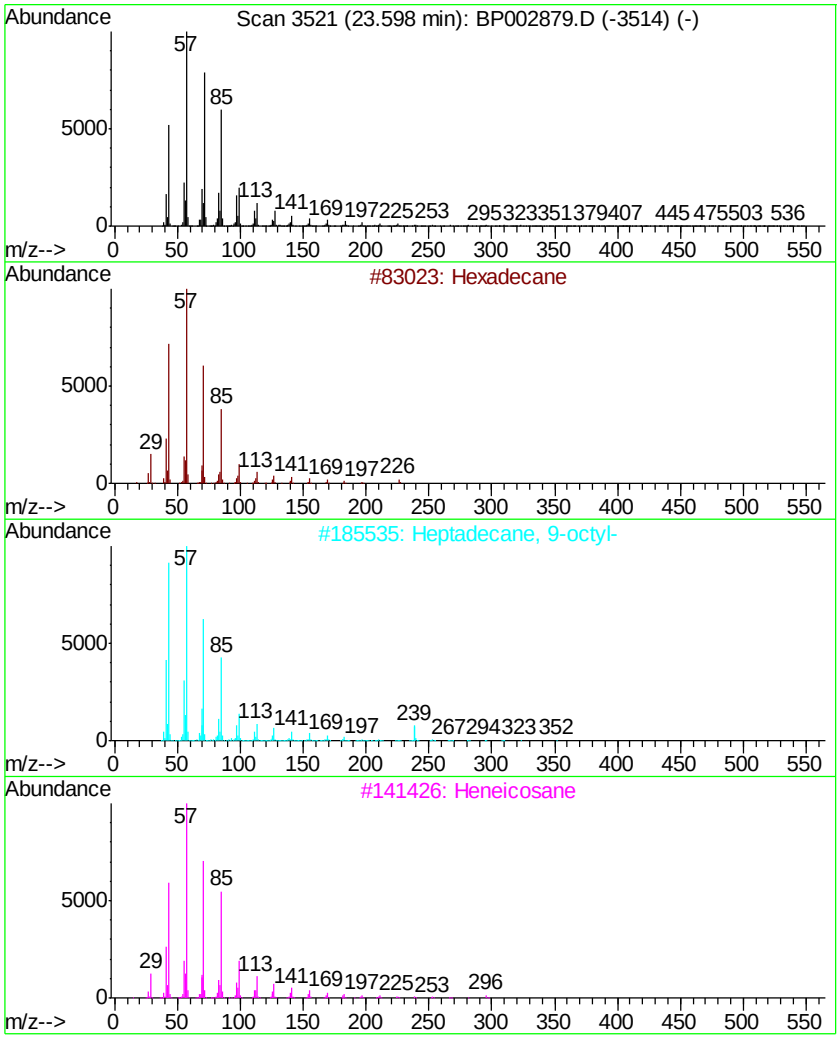
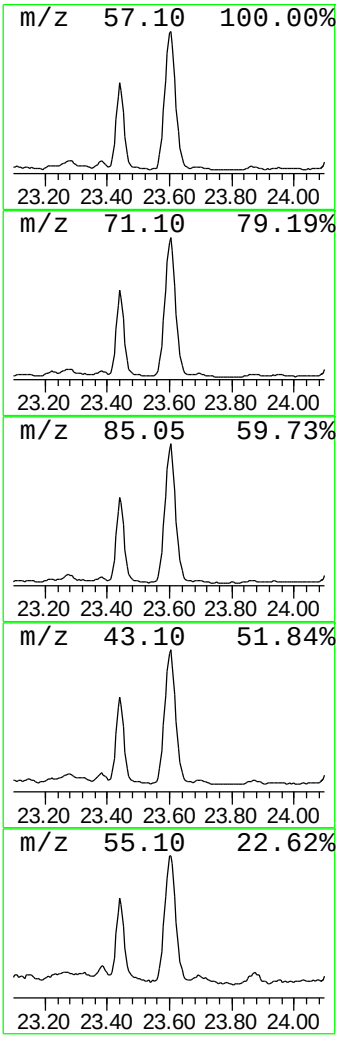
Peak Number 17 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.60	9.22 ng	4648220	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5	Docosane, 7-hexyl-	394	C28H58	055373-86-9	90





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ClientSampleId : TP-2-D

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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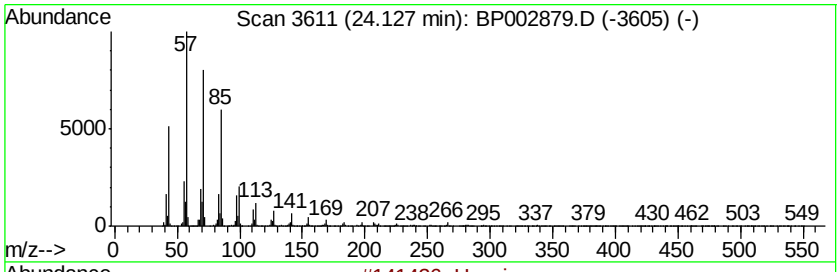
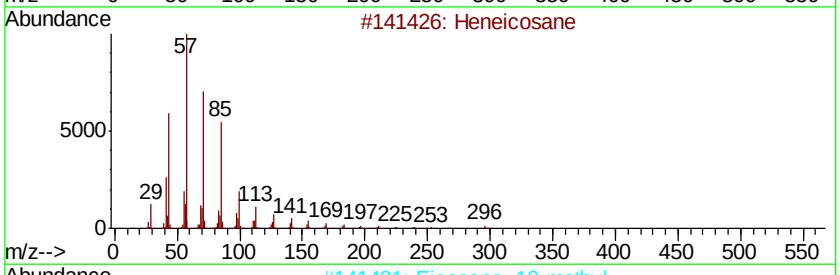
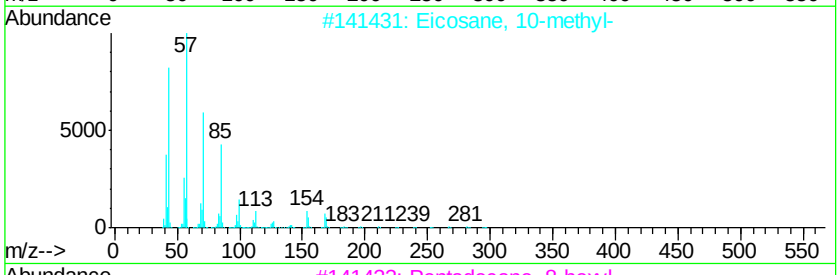
Peak Number 18 Heneicosane Concentration Rank 20

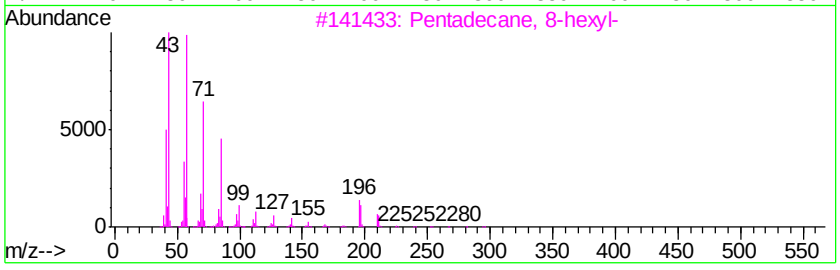
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	2.93 ng	1476480	Perylene-d12	23.47

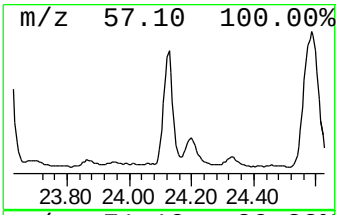
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
5	2-methyloctacosane	408	C29H60	1000376-72-8	91

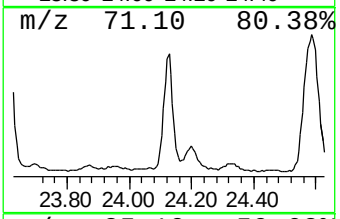


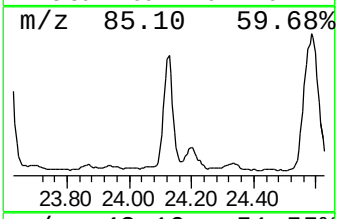


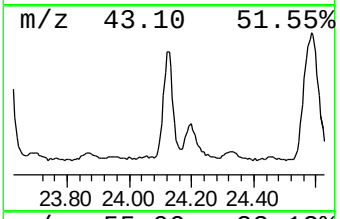


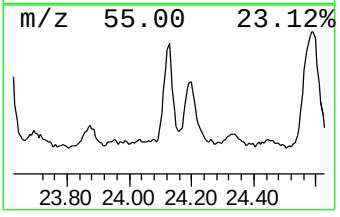












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Acq On : 30 Jul 2020 16:42
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Sample : L3473-09
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2-D

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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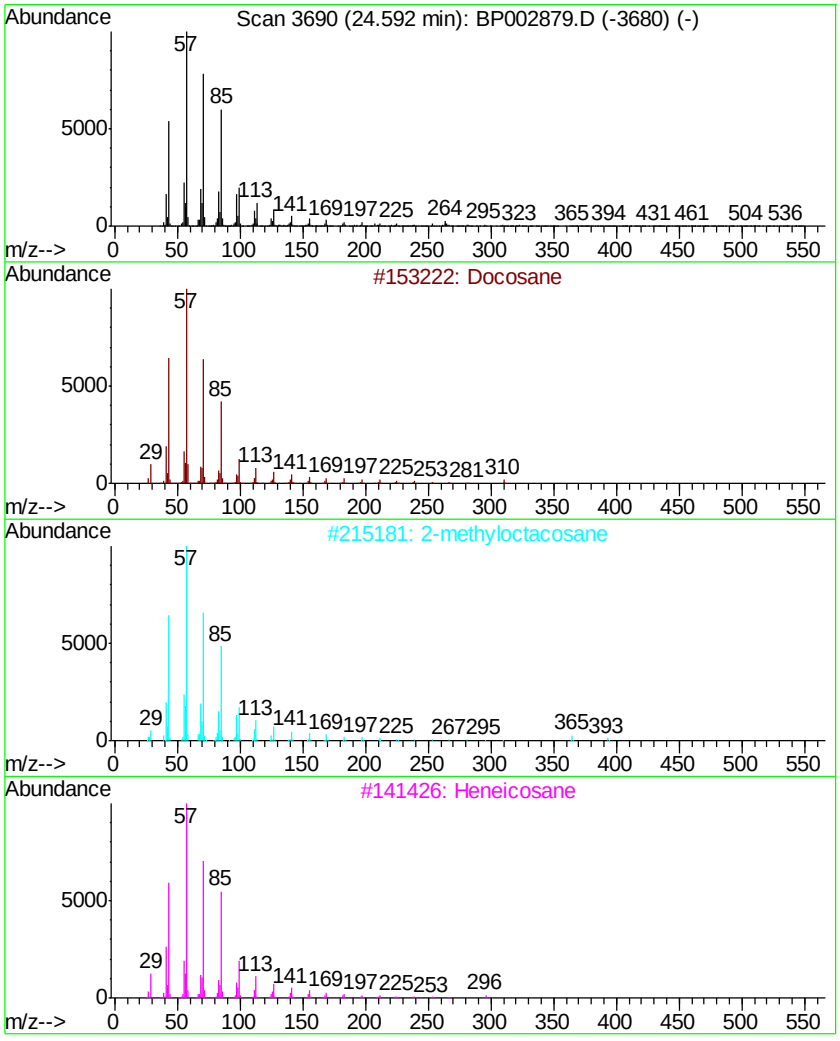
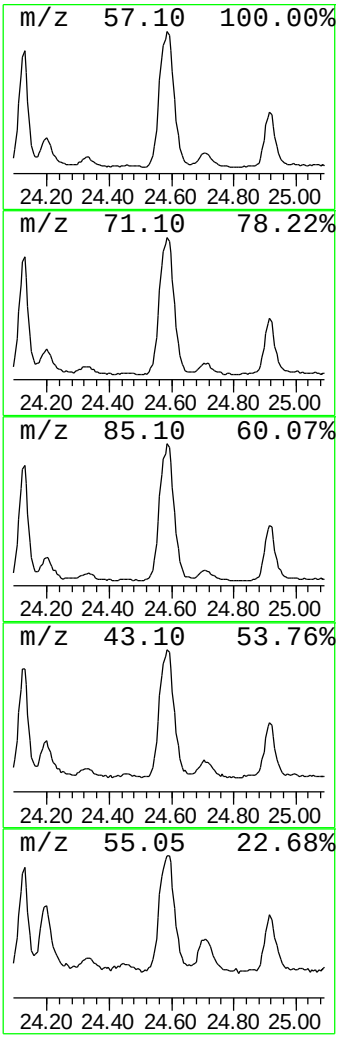
Peak Number 19 Docosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.59	5.95 ng	2999770	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
5	Hexacosane	366	C26H54	000630-01-3	87





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Sample : L3473-09
Misc :
ALS Vial : 2 Sample Multiplier: 1

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ClientSampleId : TP-2-D

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

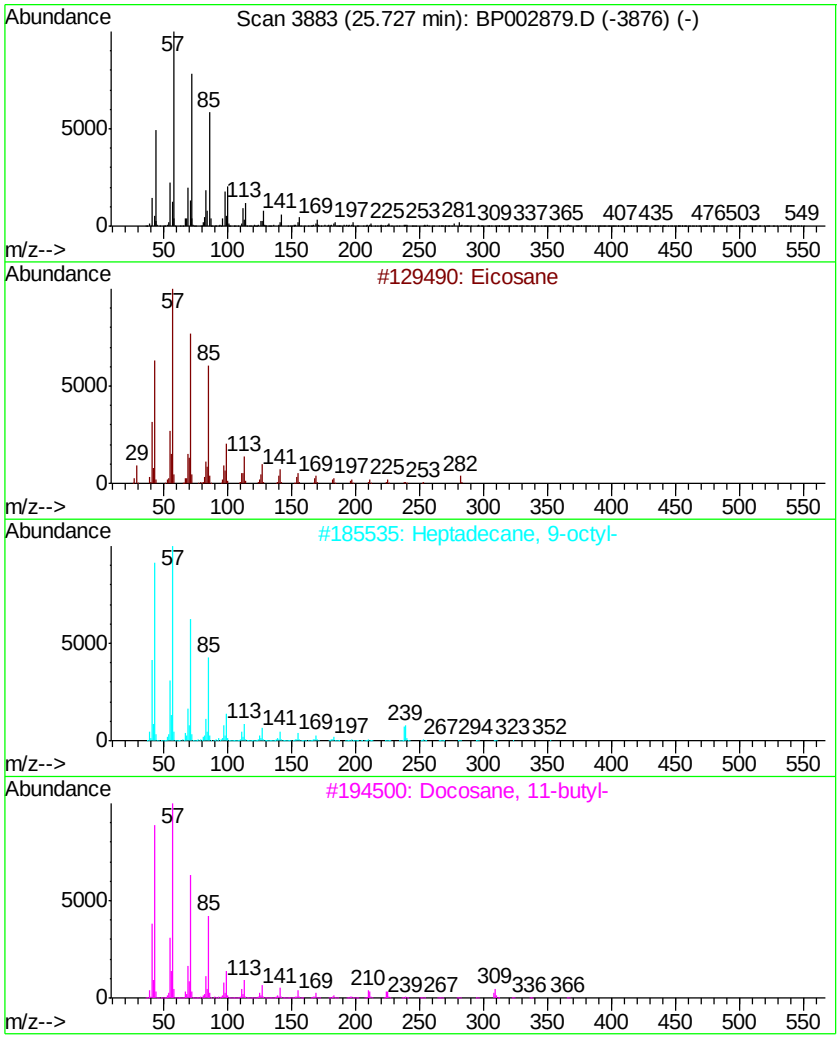
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

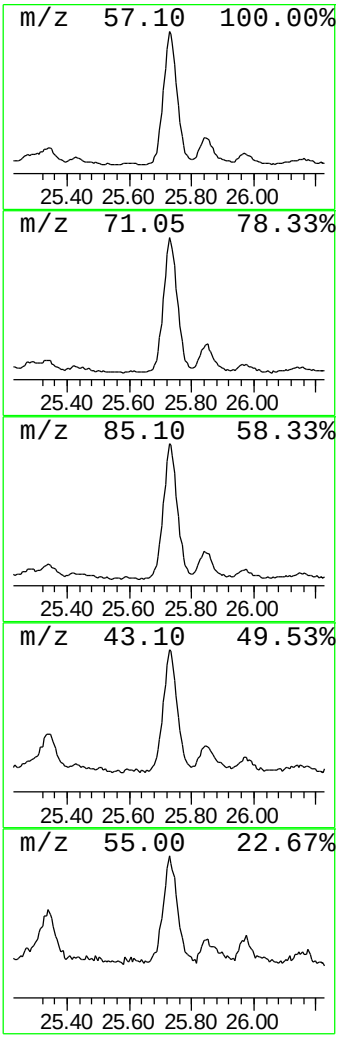
****

Peak Number 20 Eicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.73	4.06 ng	2047650	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	2-methylhexacosane	380	C27H56	1000376-72-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP073020\
Data File : BP002879.D
Acq On : 30 Jul 2020 16:42
Operator : CG/JU
Sample : L3473-09
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2-D

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
Cyclohexane	2.92	8.6	ng	1231200	1	7.72	2850080	20.0
Butane, 2-methoxy...	2.99	23.3	ng	3314380	1	7.72	2850080	20.0
Morpholine, 4-phe...	16.95	31.2	ng	10399400	4	17.11	6664900	20.0
Diethylene glycol...	17.37	95.9	ng	31960100	4	17.11	6664900	20.0
1,3-Dioxolane, 2,...	17.66	5.7	ng	1895220	4	17.11	6664900	20.0
n-Hexadecanoic acid	18.04	16.6	ng	5548090	4	17.11	6664900	20.0
Hexacosane	18.79	17.0	ng	5670970	4	17.11	6664900	20.0
Octadecanoic acid	19.27	18.3	ng	7818560	5	21.20	8524450	20.0
Eicosane, 10-methyl-	19.80	18.3	ng	7807530	5	21.20	8524450	20.0
Eicosane, 9-octyl-	20.62	19.9	ng	8504460	5	21.20	8524450	20.0
1-Heneicosanol	20.95	6.2	ng	2648340	5	21.20	8524450	20.0
2-methyloctacosane	21.30	21.2	ng	9041490	5	21.20	8524450	20.0
Octacosane	21.83	2.9	ng	1251850	5	21.20	8524450	20.0
2-Bromo dodecane	22.32	4.8	ng	2055090	5	21.20	8524450	20.0
Heptacosane	22.84	5.5	ng	2764630	6	23.47	10087100	20.0
Hexadecane	23.60	9.2	ng	4648220	6	23.47	10087100	20.0
Heneicosane	24.13	2.9	ng	1476480	6	23.47	10087100	20.0
Docosane	24.59	6.0	ng	2999770	6	23.47	10087100	20.0
Eicosane	25.73	4.1	ng	2047650	6	23.47	10087100	20.0