LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001646.D
Acq On : 17 Jan 2020 01:26
Operator : JU
Sample : L1016-05 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-011520

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-BP010820.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	5.258	414	420	433	rVB	277974	423655	1.90%	0.521%
2	6.828	677	687	701	rBV	320306	533886	2.39%	0.657%
3	7.175	736	746	759	rVB	318209	512272	2.30%	0.630%
4	7.634	817	824	829	rBV	190886	302805	1.36%	0.373%
5	7.952	867	878	884	rBV	246712	407329	1.83%	0.501%
6	8.781	1014	1019	1026	rVB	184242	298657	1.34%	0.368%
7	10.410	1286	1296	1302	rBV2	450576	776027	3.48%	0.955%
8	11.463	1470	1475	1483	rBV3	105344	234582	1.05%	0.289%
9	11.869	1536	1544	1552	rBV	340338	545799	2.45%	0.672%
10	12.898	1714	1719	1724	rVB	391664	548451	2.46%	0.675%
11	13.128	1749	1758	1765	rBV	448323	728740	3.27%	0.897%
12	14.216	1938	1943	1947	rBV	583871	710508	3.18%	0.874%
13	14.287	1947	1955	1960	rBV	360984	593685	2.66%	0.731%
14	14.445	1975	1982	1986	rVB	5459629	7051573	31.60%	8.677%
15	14.840	2045	2049	2056	rVB2	155745	239408	1.07%	0.295%
16	15.175	2102	2106	2111	rVB	591952	697034	3.12%	0.858%
17	15.587	2168	2176	2180	rBV	197319	379641	1.70%	0.467%
18	15.787	2205	2210	2219	rVB2	374138	612781	2.75%	0.754%
19	16.045	2249	2254	2257	rBV	613121	820306	3.68%	1.009%
20	16.234	2280	2286	2291	rBV	2912219	3616491	16.21%	4.450%
21	16.839	2385	2389	2395	rBV2	557735	738384	3.31%	0.909%
22	16.892	2395	2398	2409	rVB	195495	309221	1.39%	0.381%
23	17.045	2419	2424	2427	rBV	337058	470099	2.11%	0.578%
24	17.092	2427	2432	2438	rVV	769108	1096351	4.91%	1.349%
25	17.175	2439	2446	2451	rVB	190990	319399	1.43%	0.393%
26	17.586	2511	2516	2519	rBV	492454	585244	2.62%	0.720%
27	17.622	2519	2522	2527	rVB2	191969	237152	1.06%	0.292%
28	17.763	2540	2546	2550	rBV	4870647	5933522	26.59%	7.302%
29	17.969	2577	2581	2587	rVB	176857	245856	1.10%	0.303%
30	18.110	2601	2605	2609	rBV2	142666	228117	1.02%	0.281%
31	18.263	2627	2631	2637	rVB	422224	487632	2.19%	0.600%
32	18.881	2729	2736	2738	rBV	11370983	17135880	76.80%	21.087%
33	18.916	2738	2742	2750	rVV	14111895	22313286	100.00%	27.458%
34	19.028	2756	2761	2765	rBV	2008743	2220169	9.95%	2.732%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001646.D
Acq On : 17 Jan 2020 01:26
Operator : JU
Sample : L1016-05 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-011520

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-BP010820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.075	2765	2769	2775	rVB	811593	1053779	4.72%	1.297%
36	19.380	2817	2821	2825	rBV2	393145	568149	2.55%	0.699%
37	19.428	2825	2829	2839	rVB2	755388	1273207	5.71%	1.567%
38	19.633	2857	2864	2868	rBV	628387	810944	3.63%	0.998%
39	19.863	2899	2903	2905	rBV	329278	396227	1.78%	0.488%
40	19.963	2916	2920	2921	rBV	244556	273408	1.23%	0.336%
41	19.986	2921	2924	2927	rVB	341047	377965	1.69%	0.465%
42	20.092	2939	2942	2946	rVB	296760	301080	1.35%	0.370%
43	21.022	3097	3100	3106	rBV2	225243	261221	1.17%	0.321%
44	21.145	3116	3121	3125	rBV3	535152	1050434	4.71%	1.293%
45	21.186	3125	3128	3136	rVB	342269	450484	2.02%	0.554%
46	21.751	3220	3224	3230	rBV3	248926	439310	1.97%	0.541%
47	22.427	3334	3339	3345	rBV	361938	624040	2.80%	0.768%
48	22.721	3384	3389	3390	rBV2	214496	331973	1.49%	0.409%
49	23.286	3481	3485	3489	rBV	174315	329256	1.48%	0.405%
50	23.386	3498	3502	3507	rVB	229166	368240	1.65%	0.453%

Sum of corrected areas: 81263659

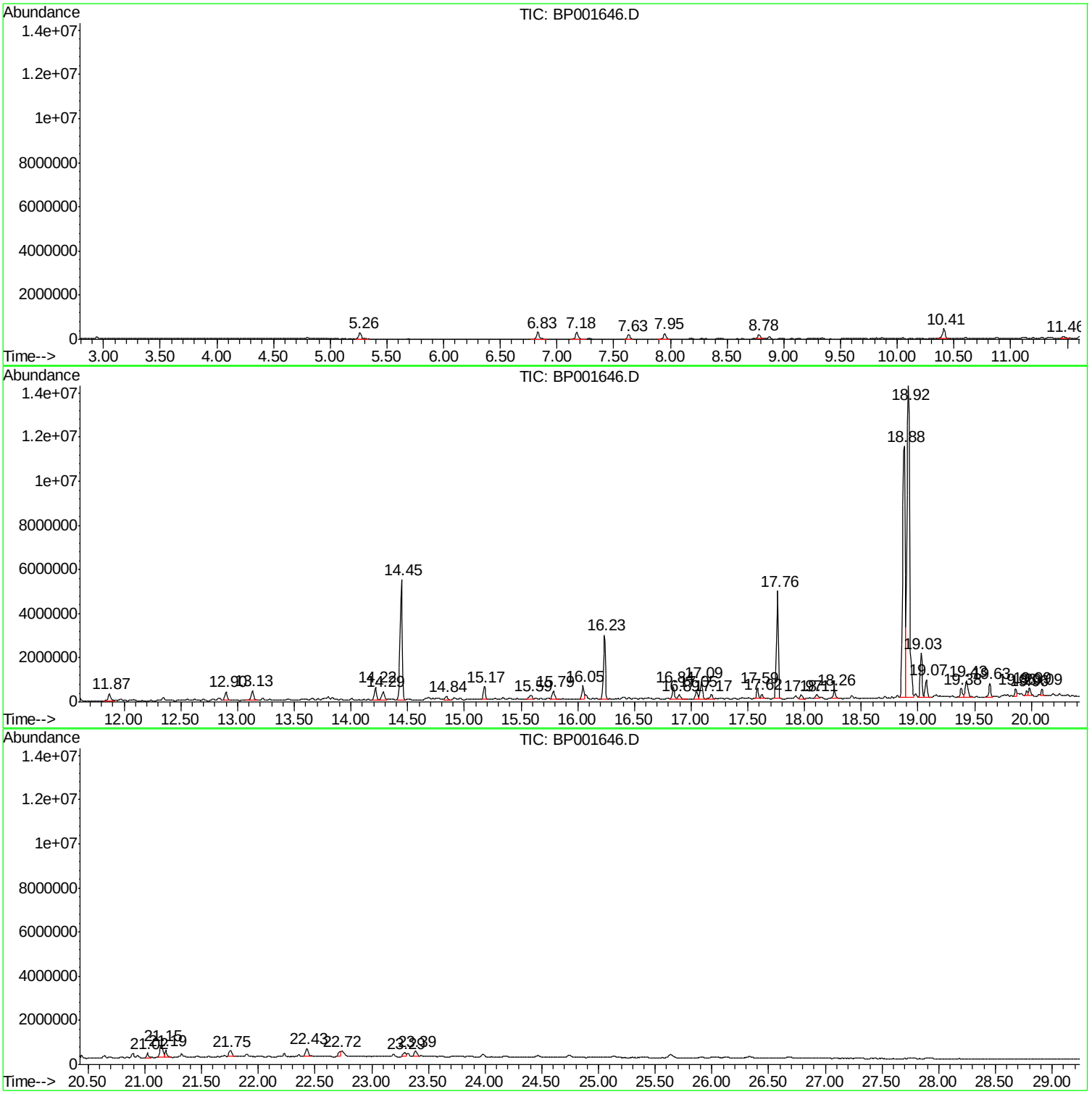
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001646.D
Acq On : 17 Jan 2020 01:26
Operator : JU
Sample : L1016-05 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-011520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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\BP011620\
Data File : BP001646.D
Acq On : 17 Jan 2020 01:26
Operator : JU
Sample : L1016-05 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-011520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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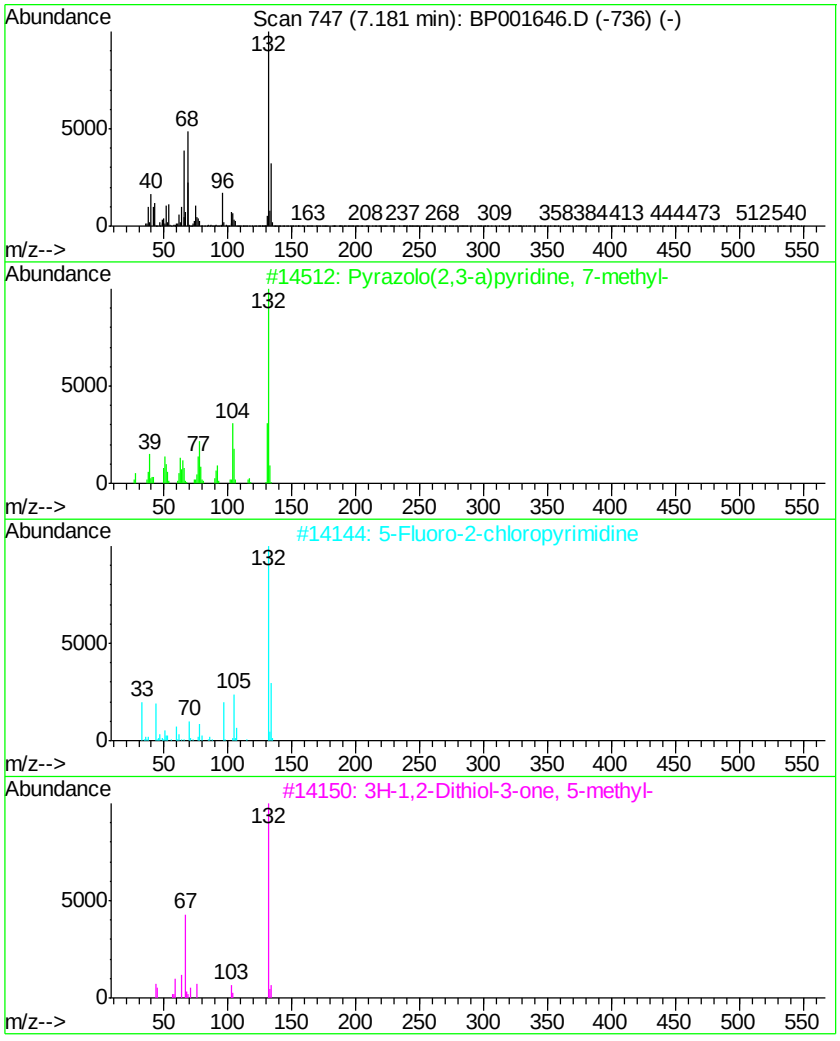
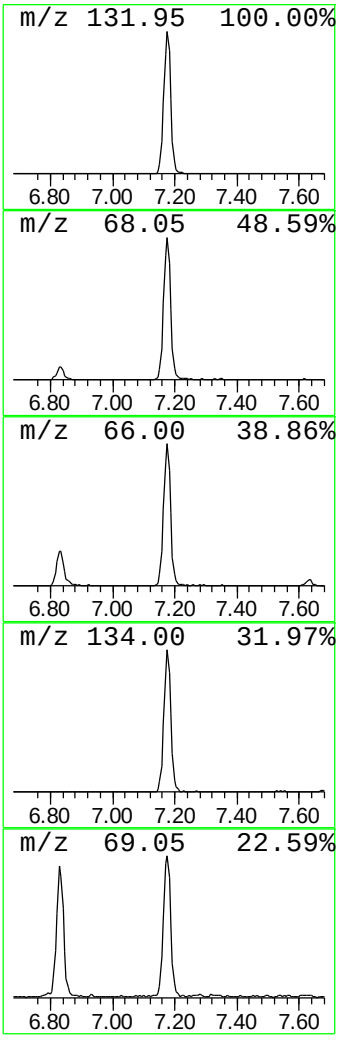
Peak Number 1 unknown7.18 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	33.84 ng	512272	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	14
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
3	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001646.D
Acq On : 17 Jan 2020 01:26
Operator : JU
Sample : L1016-05 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-011520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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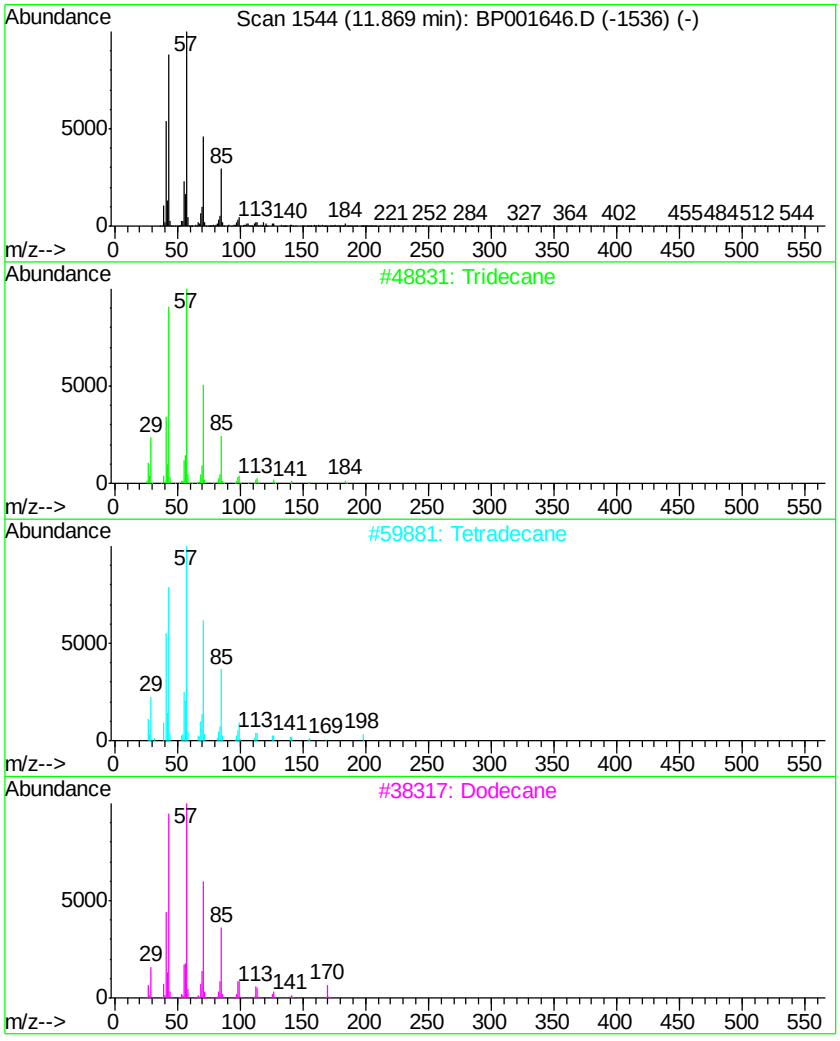
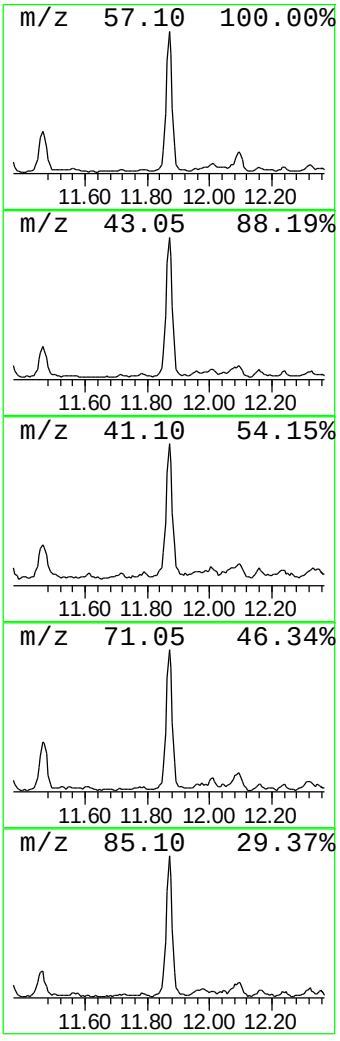
Peak Number 3 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	14.07 ng	545799	Naphthalene-d8	10.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tetradecane	198	C14H30	000629-59-4	90
3	Dodecane	170	C12H26	000112-40-3	87
4	Hexadecane	226	C16H34	000544-76-3	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001646.D
Acq On : 17 Jan 2020 01:26
Operator : JU
Sample : L1016-05 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-011520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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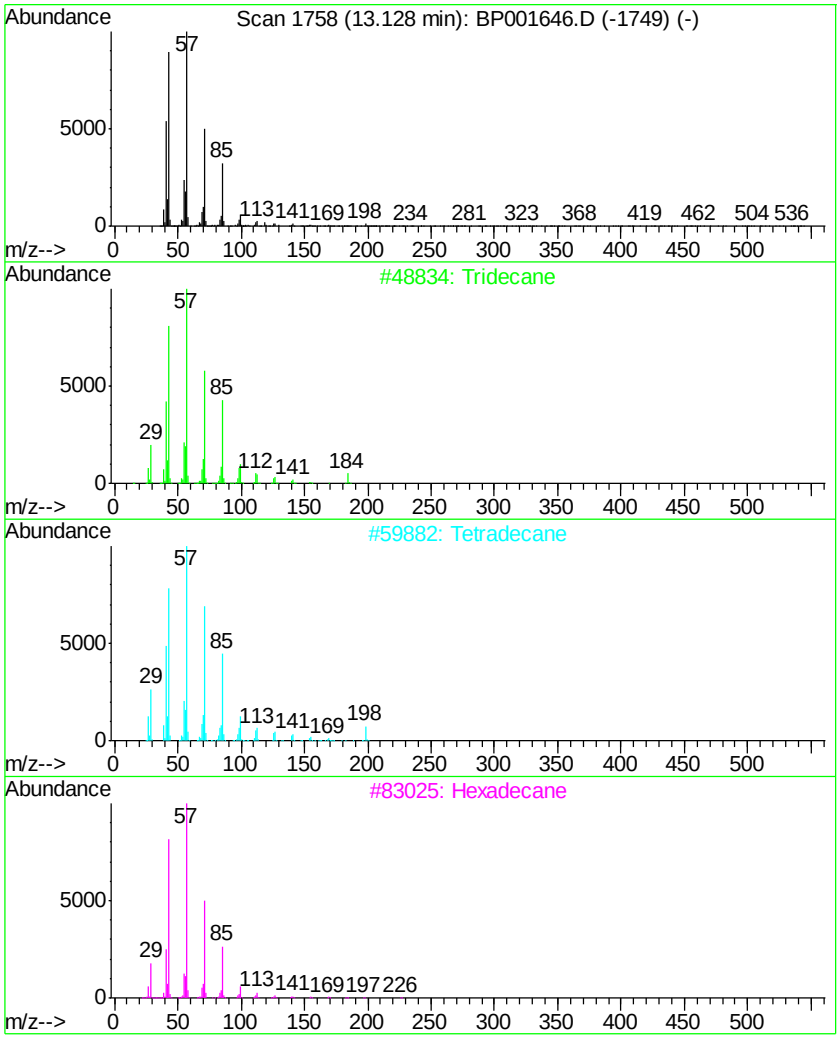
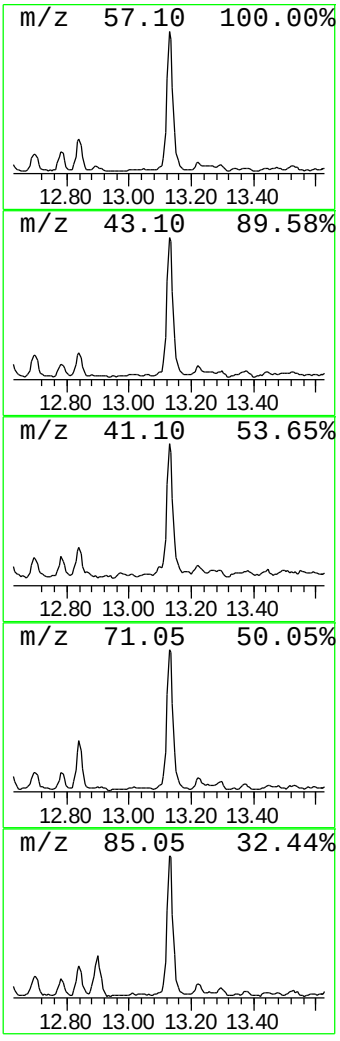
Peak Number 4 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	24.55 ng	728740	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Tetradecane	198	C14H30	000629-59-4	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Undecane	156	C11H24	001120-21-4	86
5	Dodecane	170	C12H26	000112-40-3	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001646.D
Acq On : 17 Jan 2020 01:26
Operator : JU
Sample : L1016-05 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-011520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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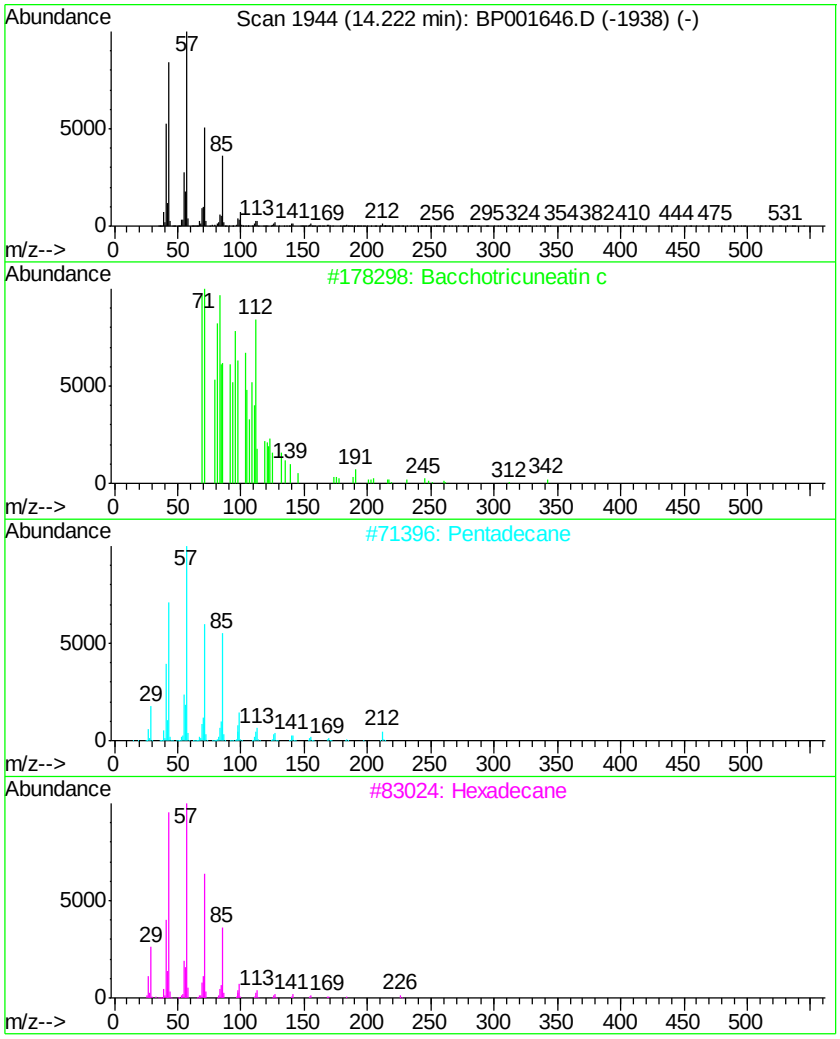
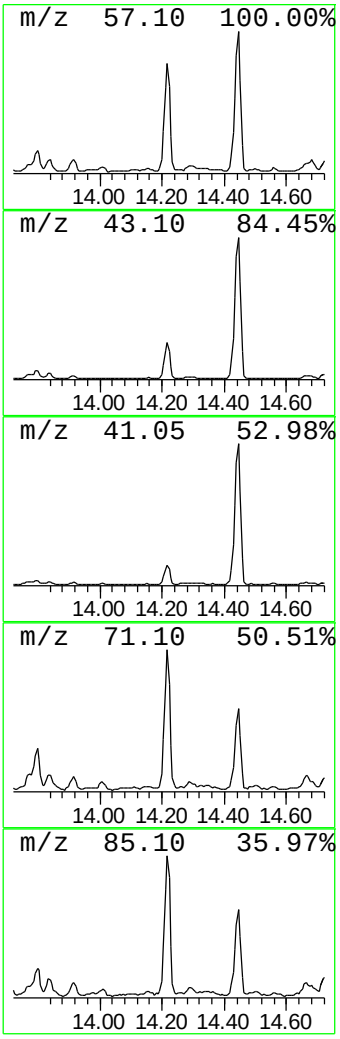
Peak Number 5 Bacchotricuneatin c Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	23.94 ng	710508	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	98
2	Pentadecane	212	C15H32	000629-62-9	95
3	Hexadecane	226	C16H34	000544-76-3	95
4	Heptadecane	240	C17H36	000629-78-7	93
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001646.D
Acq On : 17 Jan 2020 01:26
Operator : JU
Sample : L1016-05 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-011520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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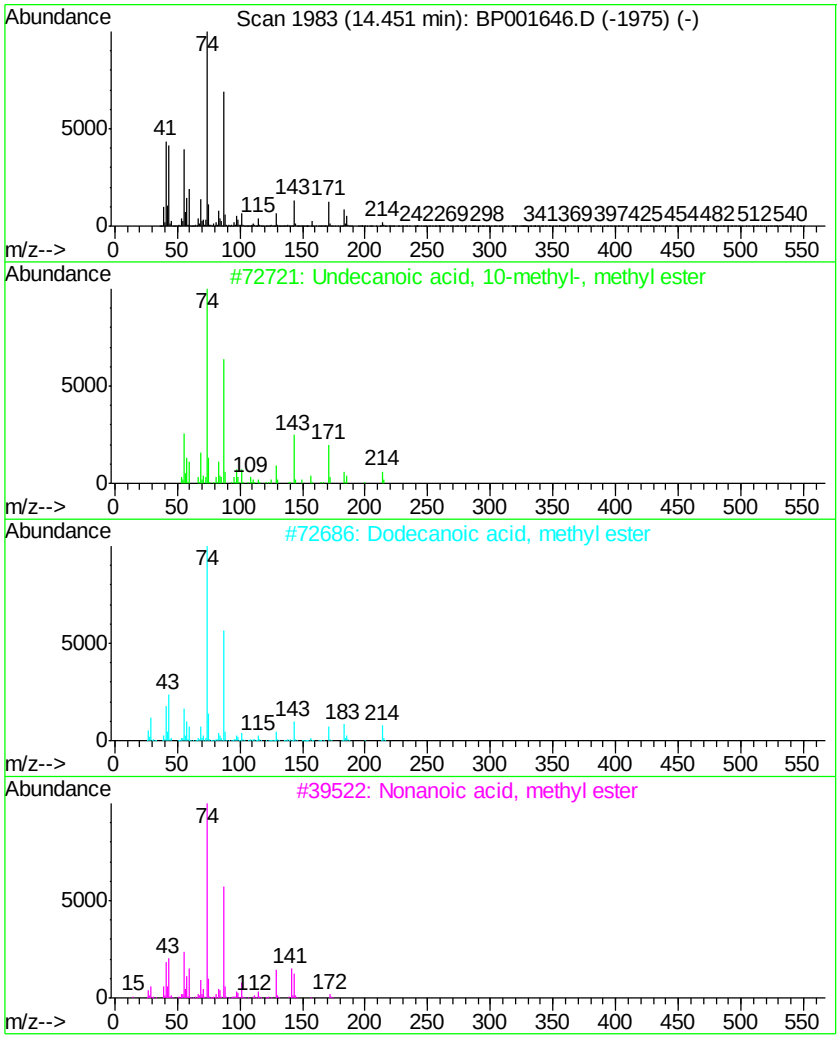
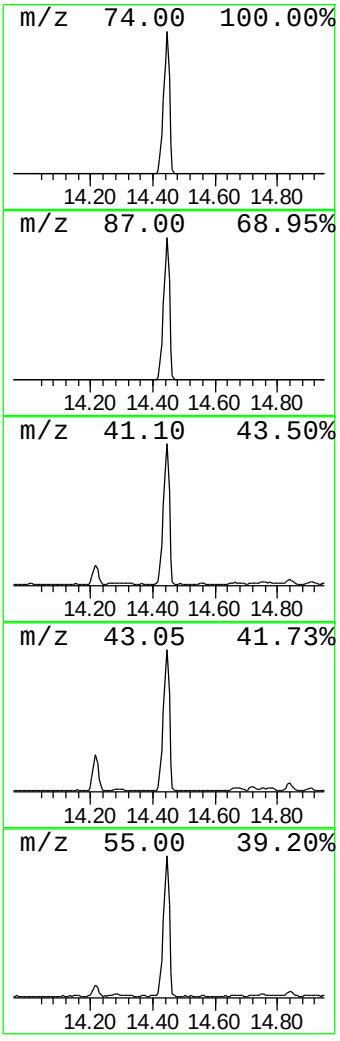
Peak Number 6 Undecanoic acid, 10-methyl-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	237.55 ng	7051570	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid, 10-methyl-, met...	214	C13H26O2	005129-56-6	94
2	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	80
3	Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	74
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	72
5	Dodecanoic acid, 2-methyl-	214	C13H26O2	002874-74-0	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001646.D
Acq On : 17 Jan 2020 01:26
Operator : JU
Sample : L1016-05 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-011520

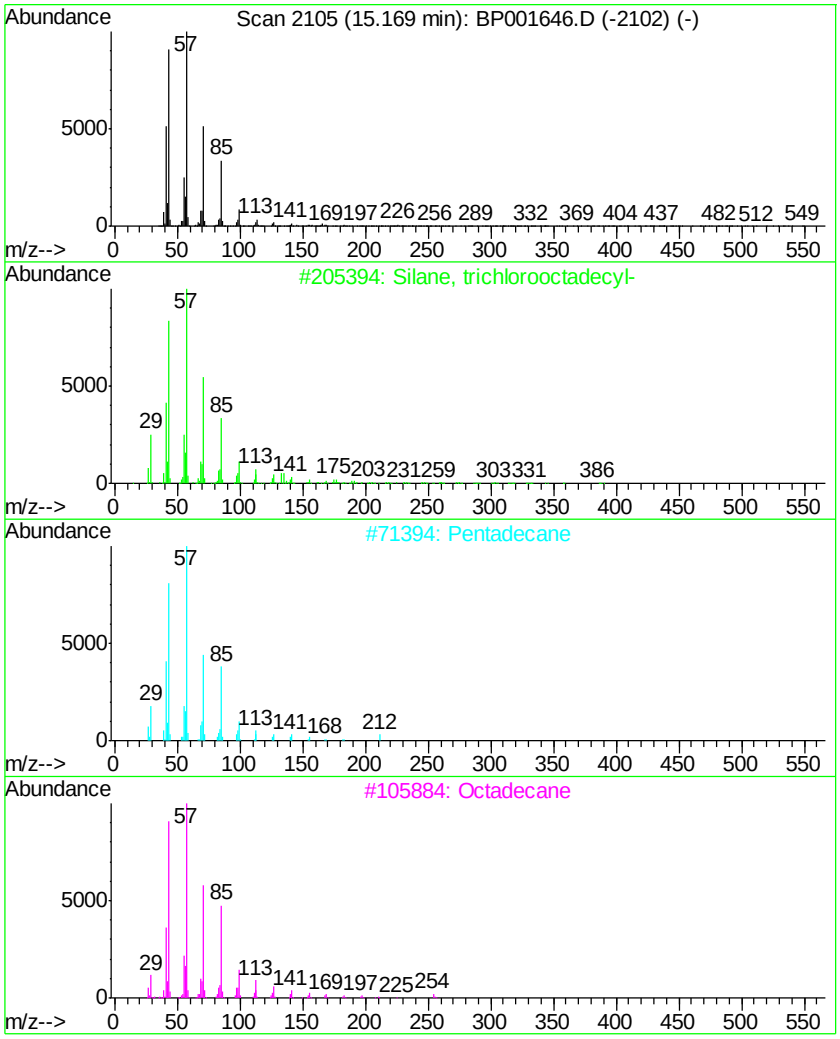
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

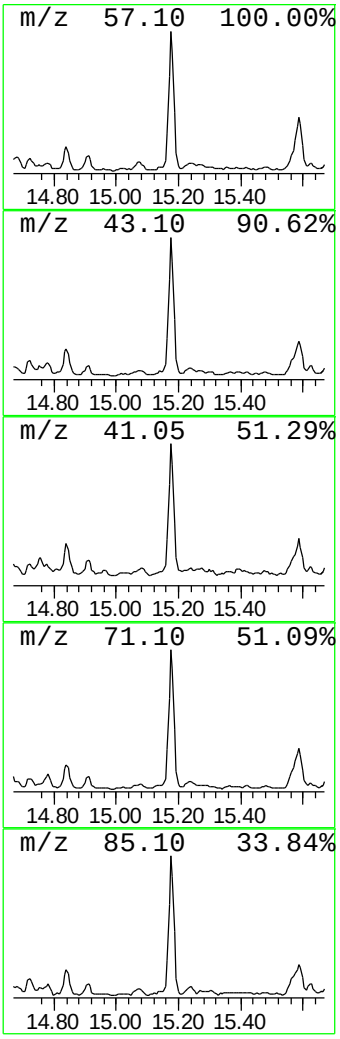
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Silane, trichlorooctadecyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	23.48 ng	697034	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	95
2	Pentadecane	212	C15H32	000629-62-9	95
3	Octadecane	254	C18H38	000593-45-3	94
4	Heptadecane	240	C17H36	000629-78-7	93
5	Heptacosane	380	C27H56	000593-49-7	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001646.D
Acq On : 17 Jan 2020 01:26
Operator : JU
Sample : L1016-05 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-011520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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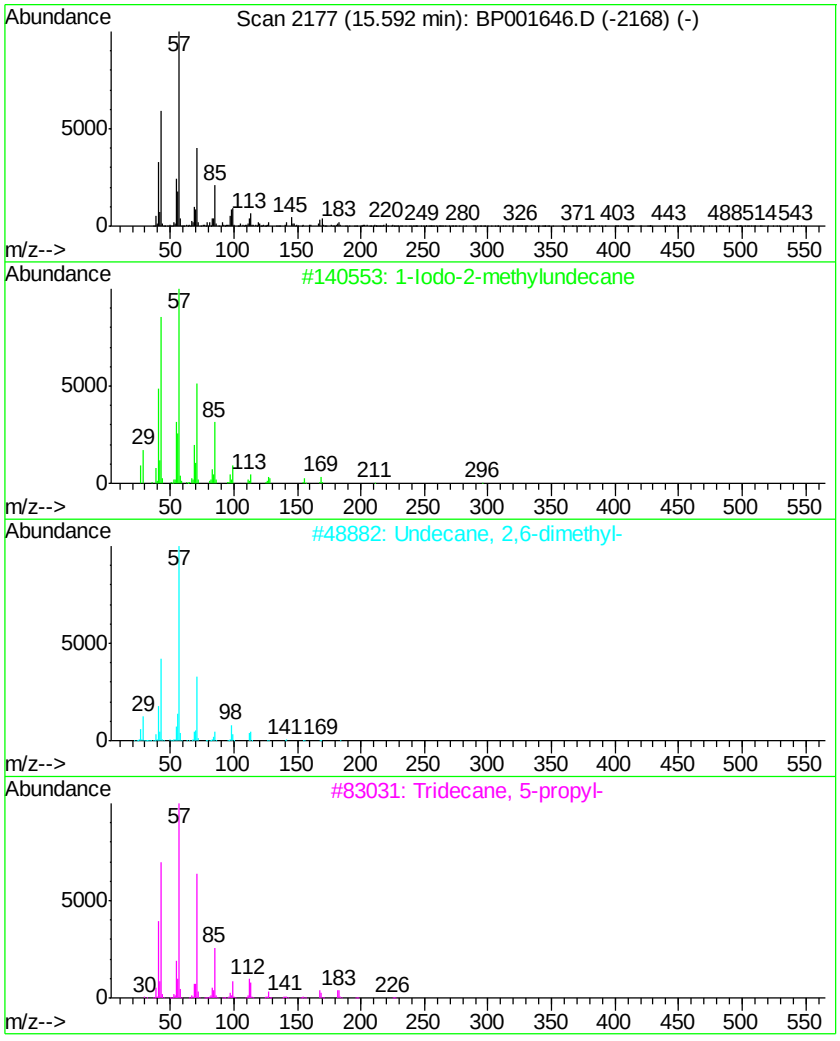
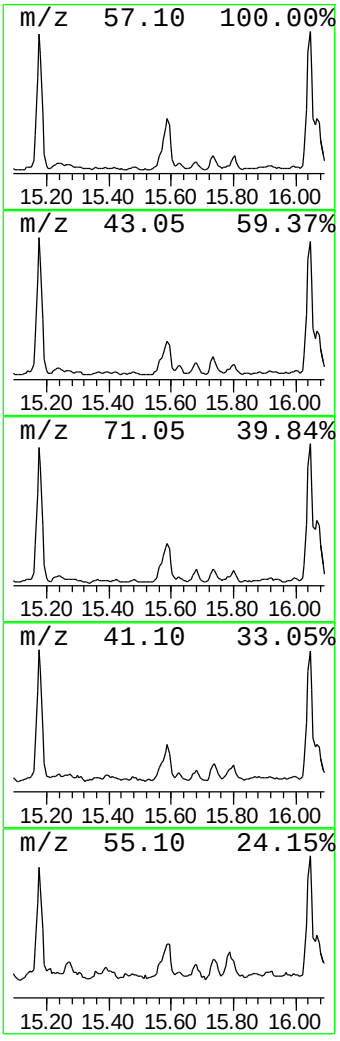
Peak Number 8 1-Iodo-2-methylundecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	12.79 ng	379641	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	94
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	74
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
5	Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001646.D
Acq On : 17 Jan 2020 01:26
Operator : JU
Sample : L1016-05 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-011520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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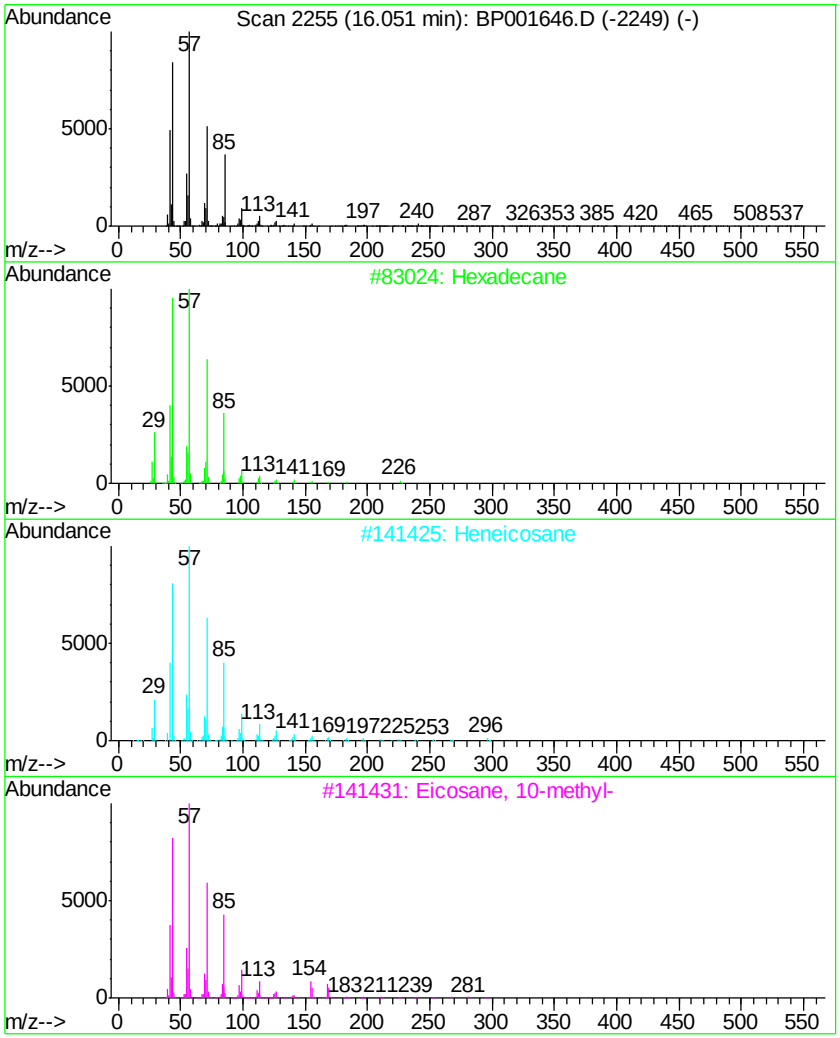
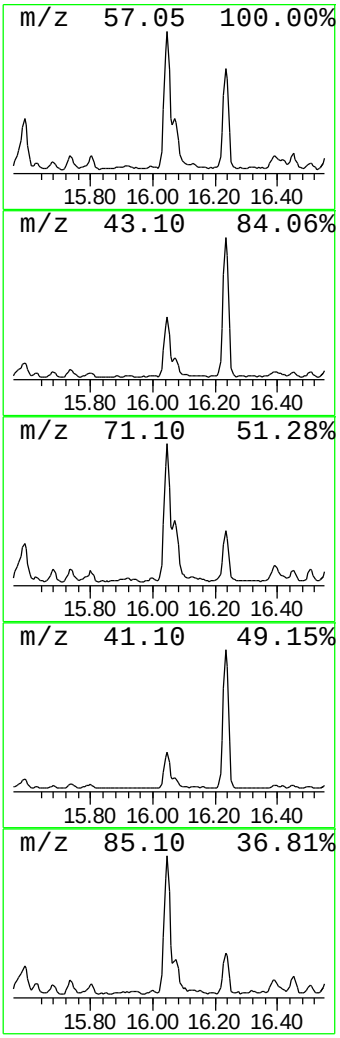
Peak Number 9 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	34.90 ng	820306	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Heneicosane	296	C21H44	000629-94-7	94
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
4	Octadecane	254	C18H38	000593-45-3	93
5	Heptadecane	240	C17H36	000629-78-7	93





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Data File : BP001646.D
Acq On : 17 Jan 2020 01:26
Operator : JU
Sample : L1016-05 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-011520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

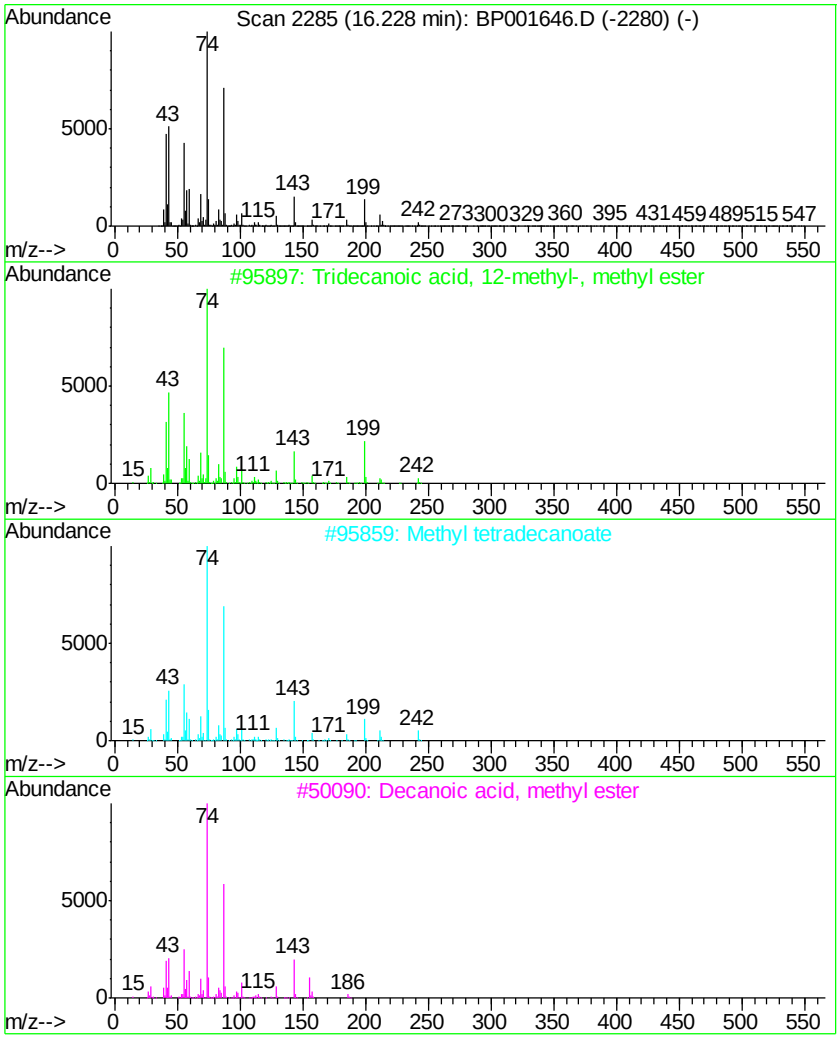
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

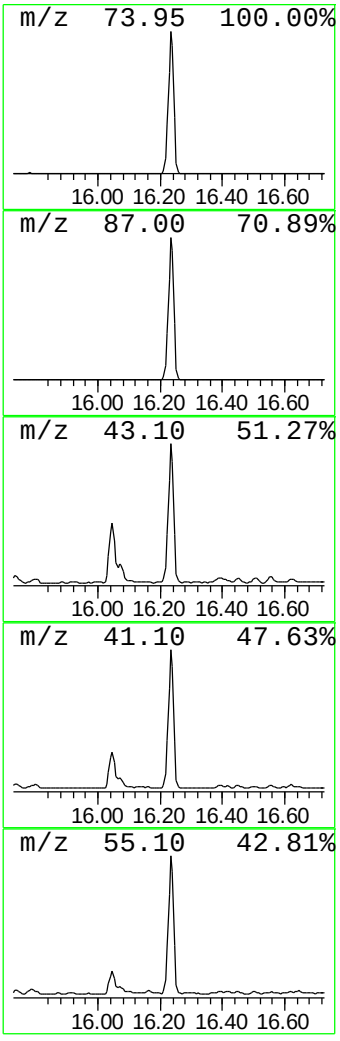
****

Peak Number 10 Tridecanoic acid, 12-methyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	153.86 ng	3616490	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	93
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
3	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	72
4	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	72
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	72





Library Search Compound Report

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Data File : BP001646.D
Acq On : 17 Jan 2020 01:26
Operator : JU
Sample : L1016-05 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-011520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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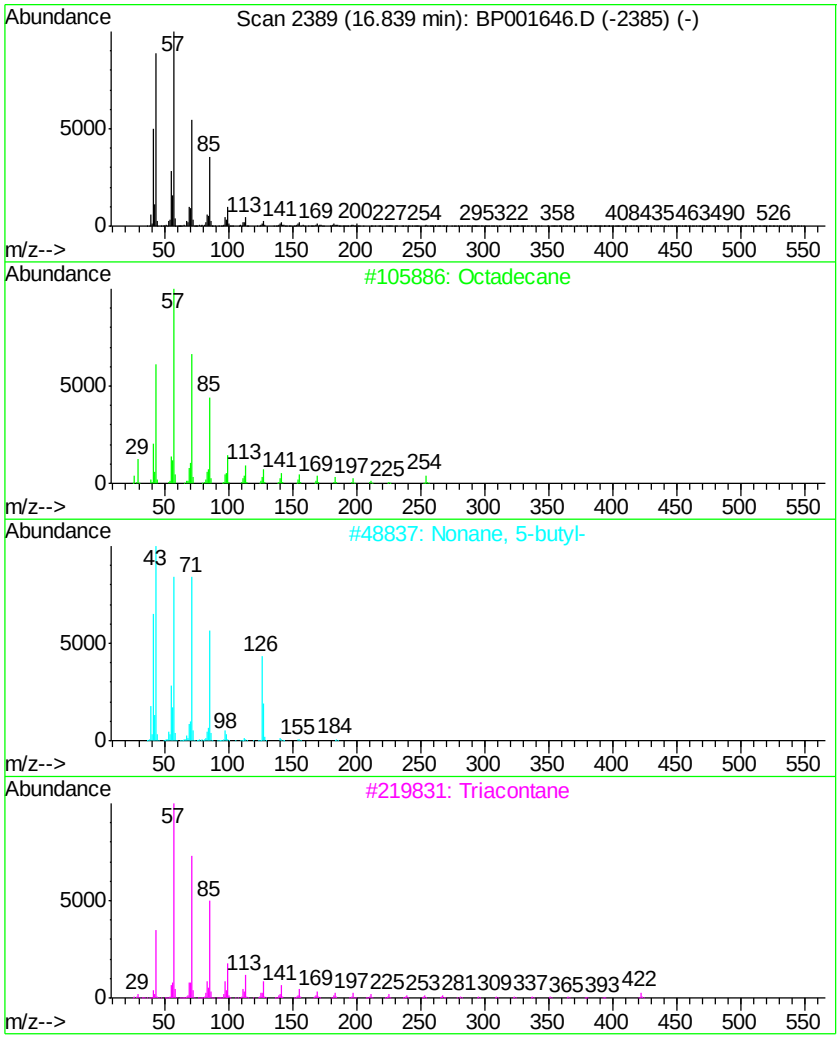
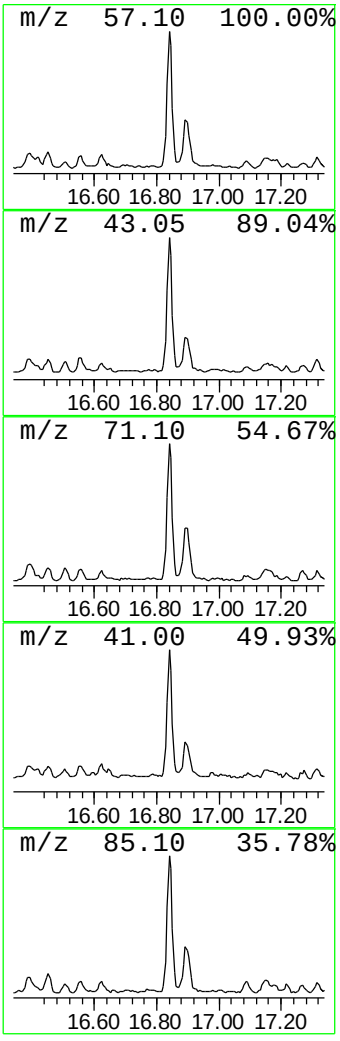
Peak Number 11 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	31.41 ng	738384	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	94
3	Triacontane	422	C30H62	000638-68-6	93
4	1-Iodoundecane	282	C11H23I	004282-44-4	93
5	Hexatriacontane	507	C36H74	000630-06-8	92





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Operator : JU
Sample : L1016-05 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-011520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

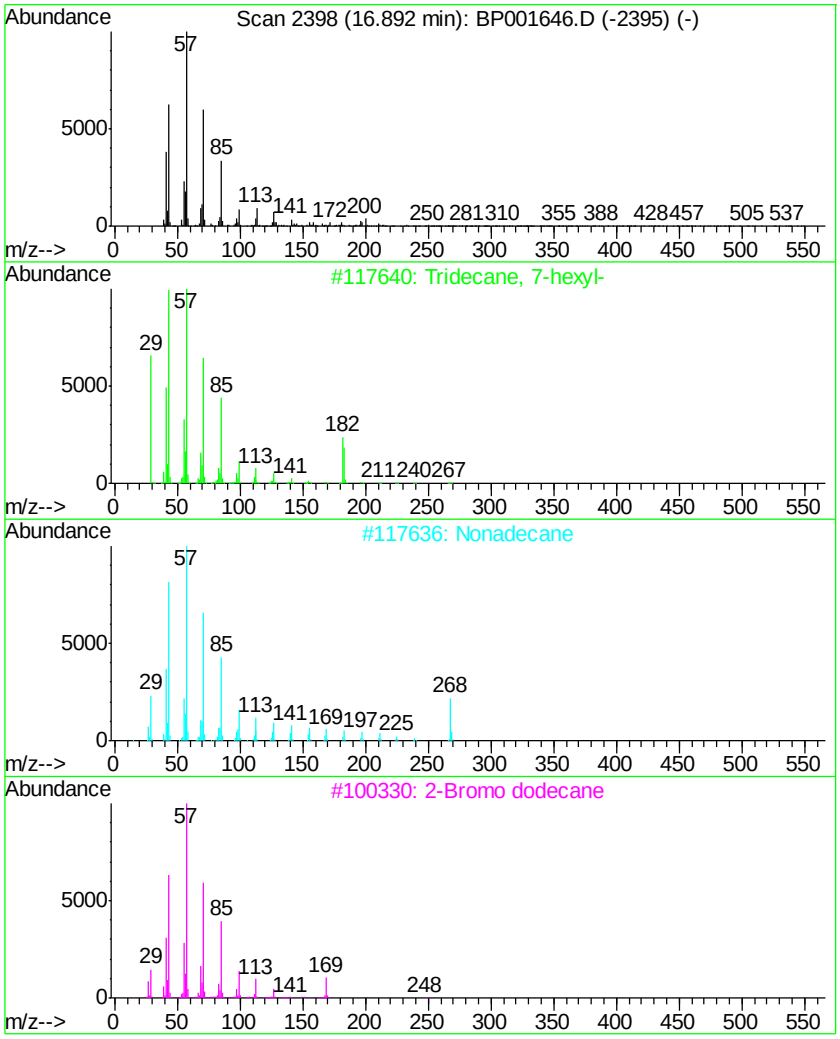
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

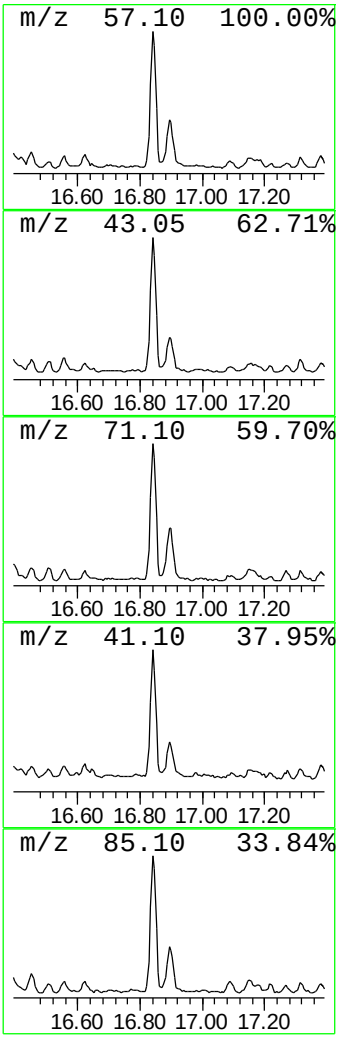
****

Peak Number 12 Tridecane, 7-hexyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	13.16 ng	309221	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
2	Nonadecane	268	C19H40	000629-92-5	83
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	83
4	Decane, 2-methyl-	156	C11H24	006975-98-0	83
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	81





Library Search Compound Report

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Data File : BP001646.D
Acq On : 17 Jan 2020 01:26
Operator : JU
Sample : L1016-05 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-011520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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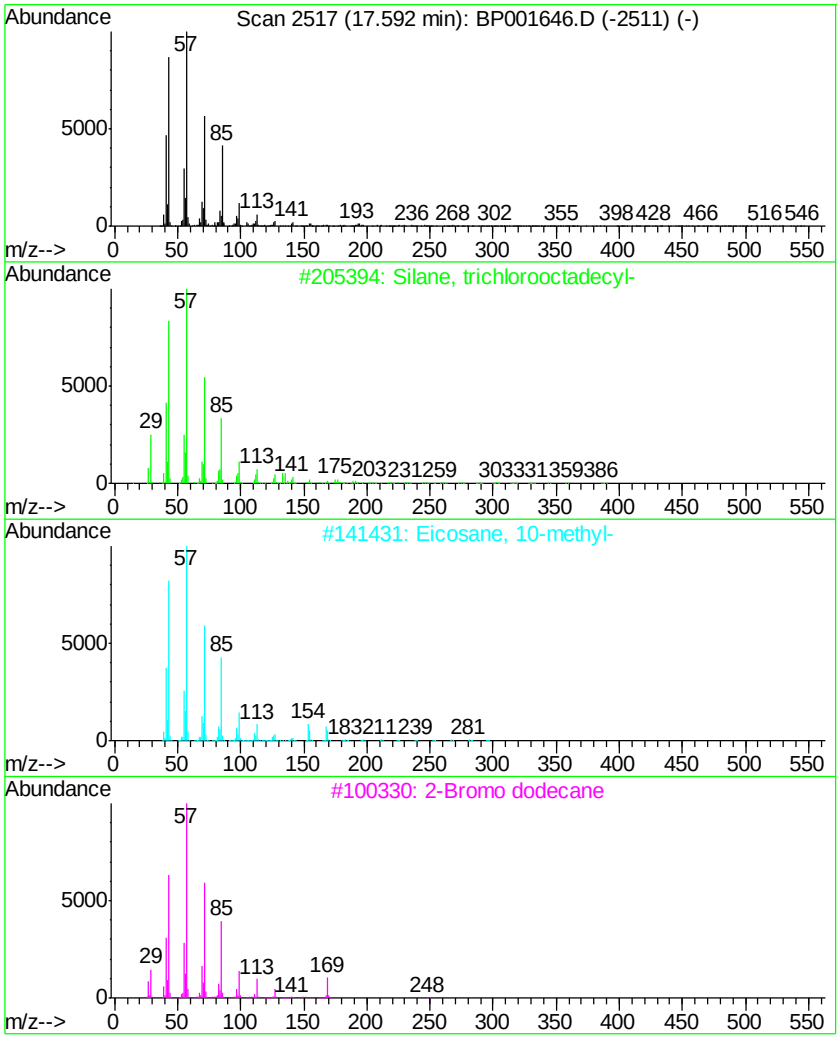
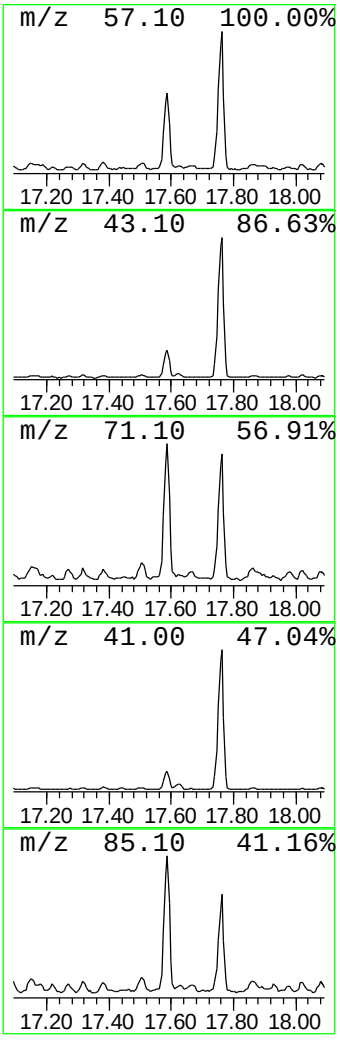
Peak Number 13 Eicosane, 10-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.59	24.90 ng	585244	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	94
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	91
5	Hexadecane	226	C16H34	000544-76-3	91





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Data File : BP001646.D
Acq On : 17 Jan 2020 01:26
Operator : JU
Sample : L1016-05 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-011520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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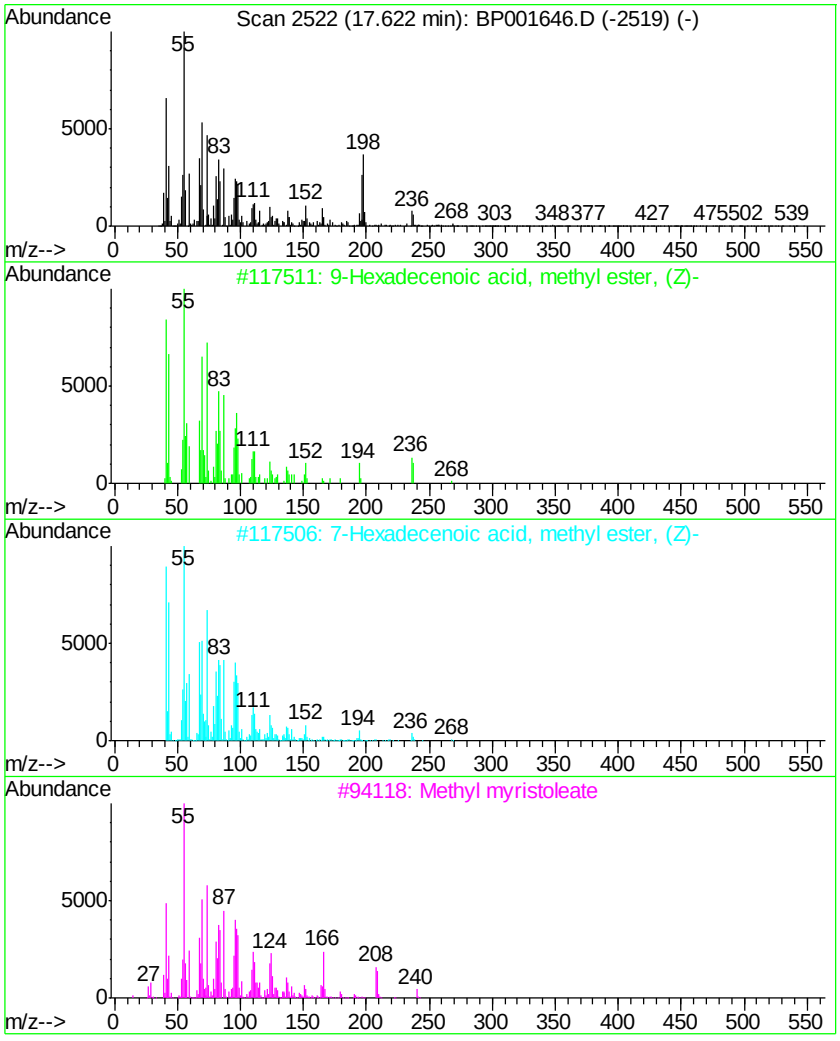
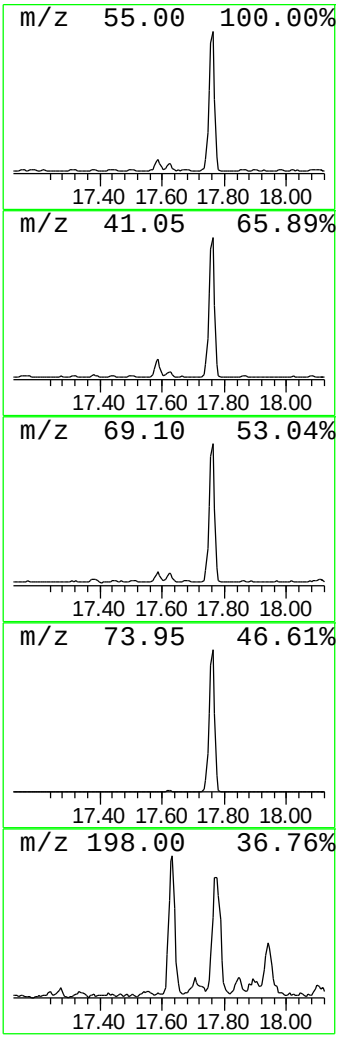
Peak Number 14 7-Hexadecenoic acid, methyl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	10.09 ng	237152	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	99
2	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	97
3	Methyl myristoleate	240	C15H28O2	056219-06-8	93
4	Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	70
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	70





Library Search Compound Report

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Data File : BP001646.D
Acq On : 17 Jan 2020 01:26
Operator : JU
Sample : L1016-05 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-011520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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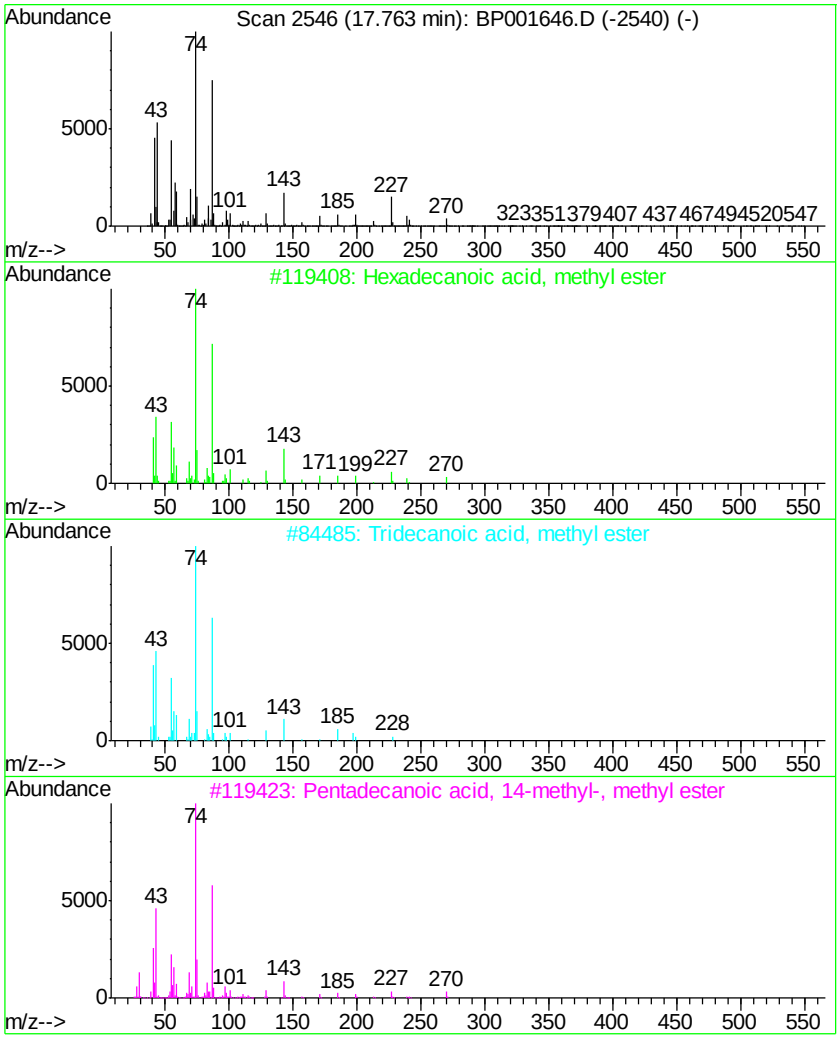
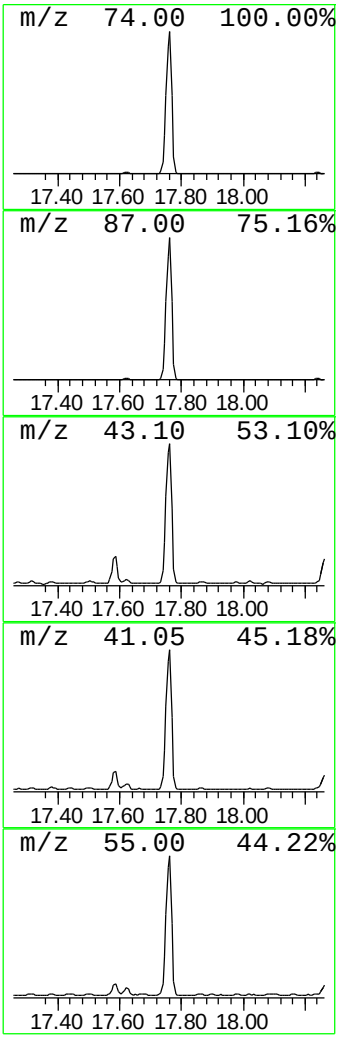
Peak Number 15 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	252.44 ng	5933520	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	95
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80





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Data File : BP001646.D
Acq On : 17 Jan 2020 01:26
Operator : JU
Sample : L1016-05 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-011520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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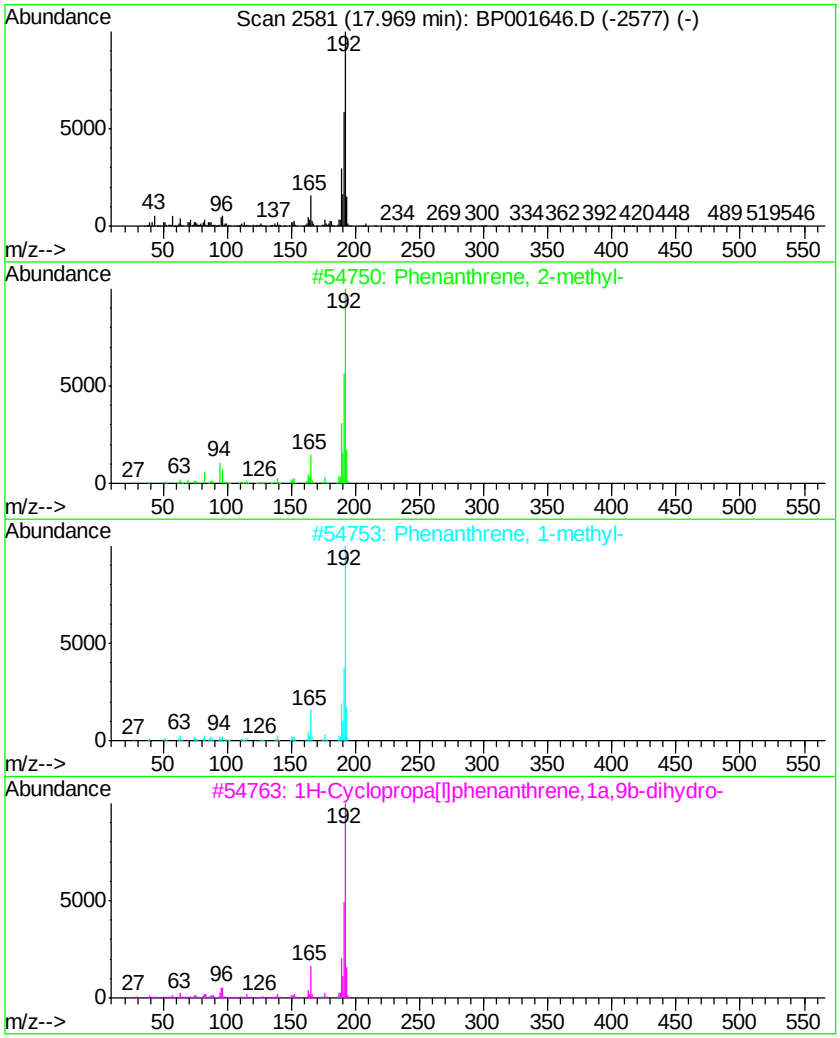
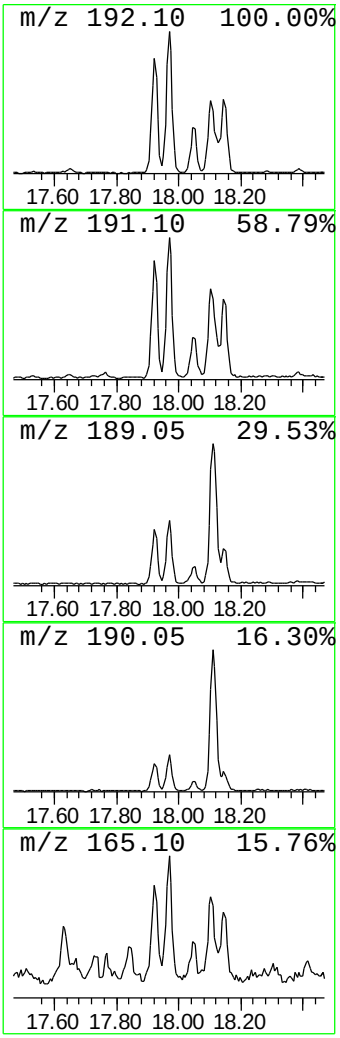
Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	10.46 ng	245856	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91





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Operator : JU
Sample : L1016-05 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-011520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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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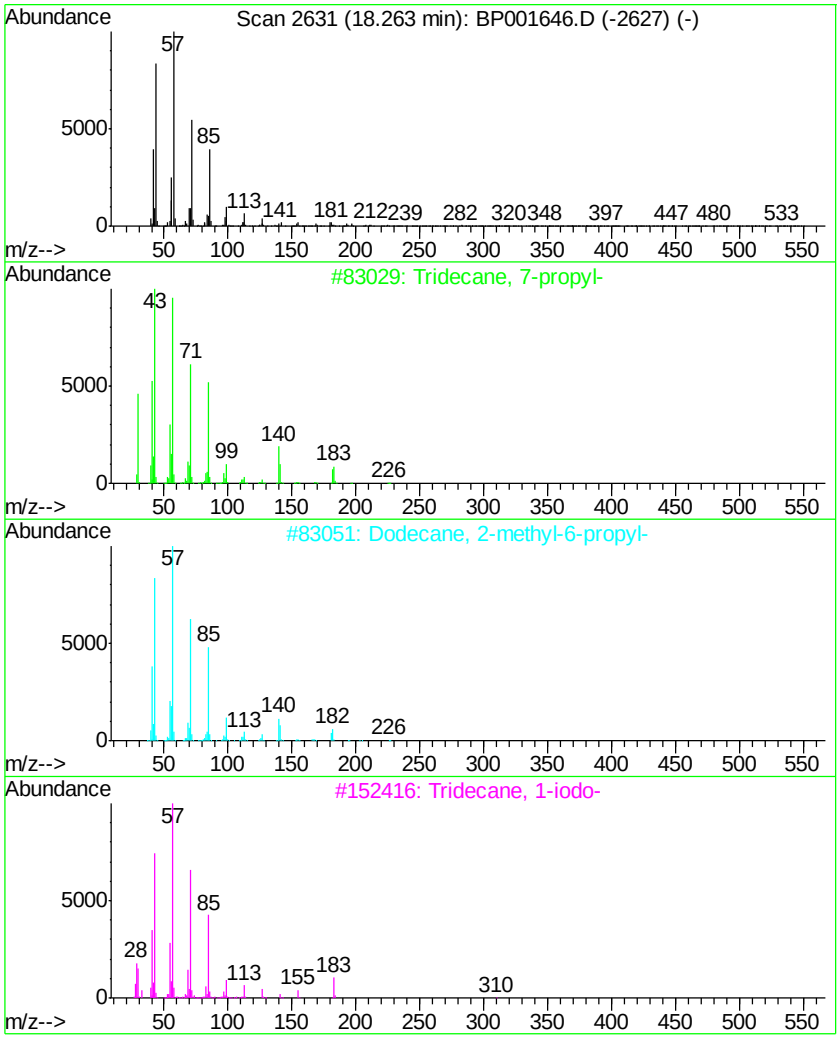
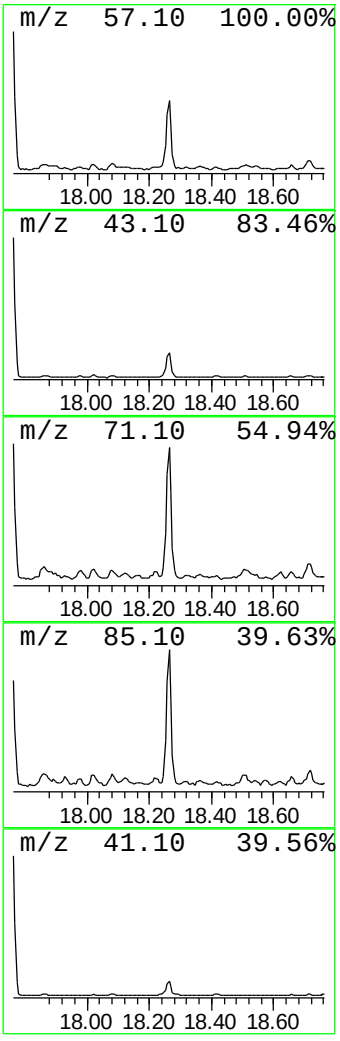
Peak Number 17 Tridecane, 7-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	20.75 ng	487632	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	93
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Heneicosane	296	C21H44	000629-94-7	90





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Sample : L1016-05 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-011520

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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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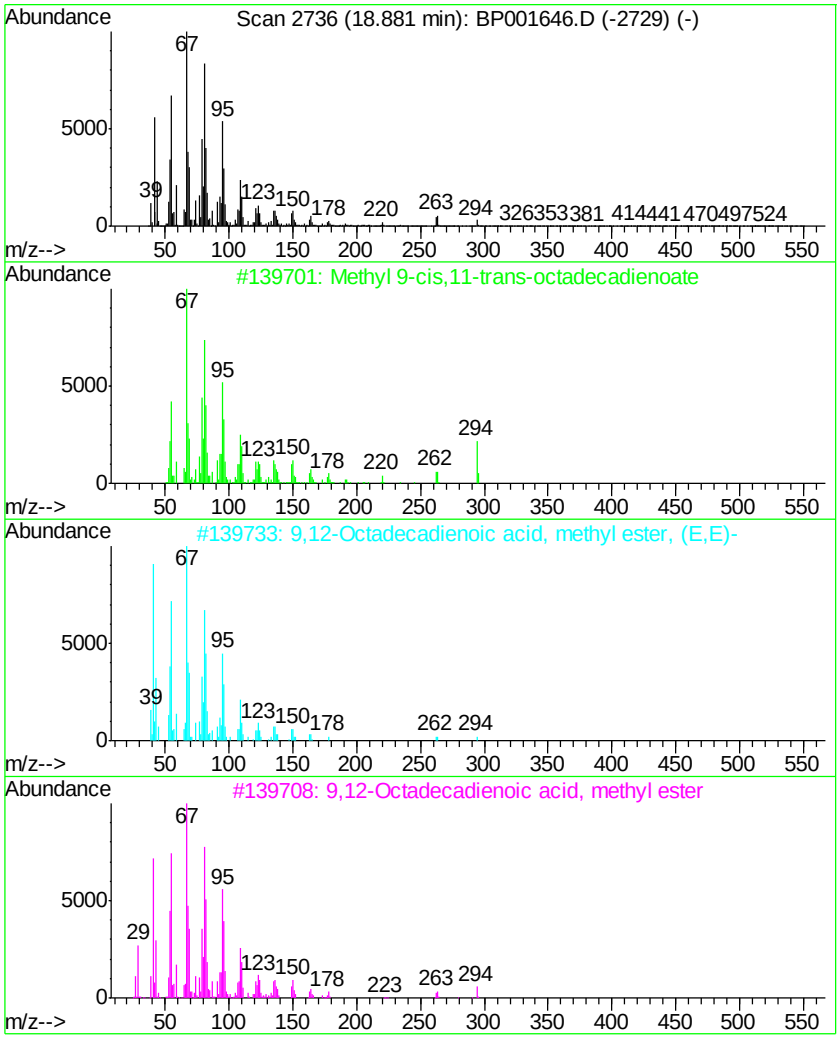
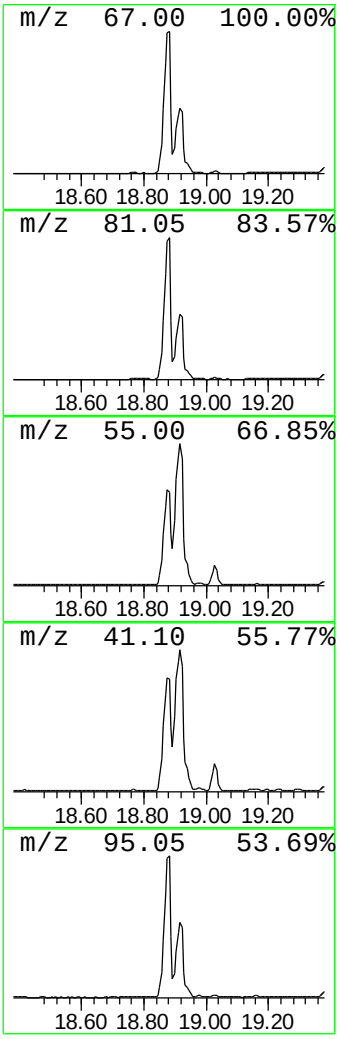
Peak Number 18 Methyl 9-cis,11-trans-octad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	729.03 ng	17135900	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	98
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98





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Operator : JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-011520

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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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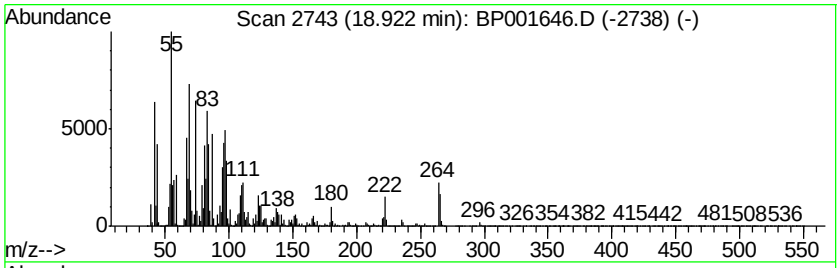
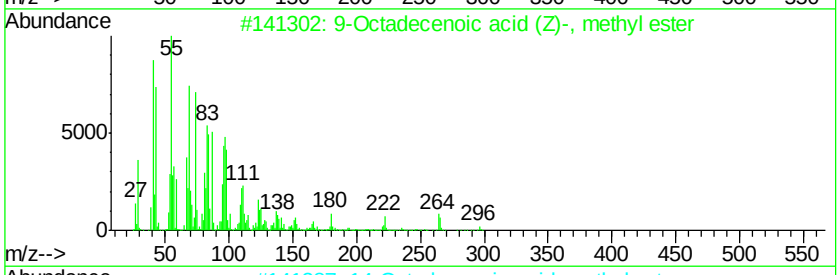
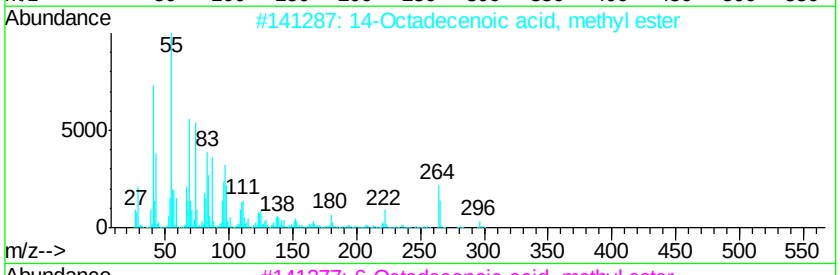
Peak Number 19 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

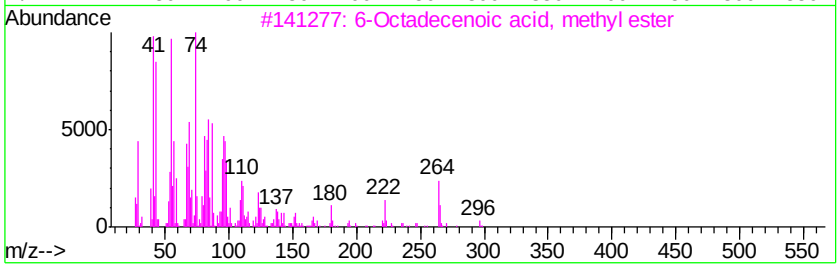
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	949.30 ng	22313300	Phenanthrene-d10	17.05

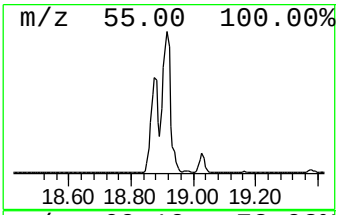
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99
4	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
5	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99

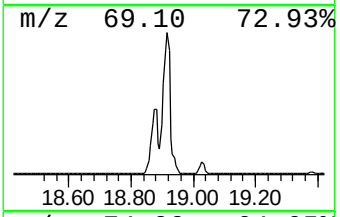


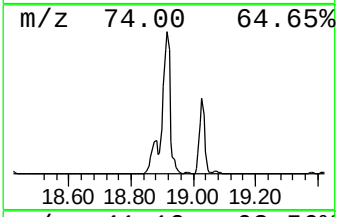


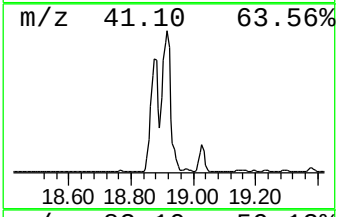


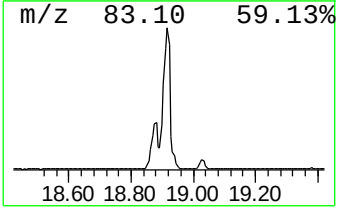












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001646.D
Acq On : 17 Jan 2020 01:26
Operator : JU
Sample : L1016-05 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-011520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

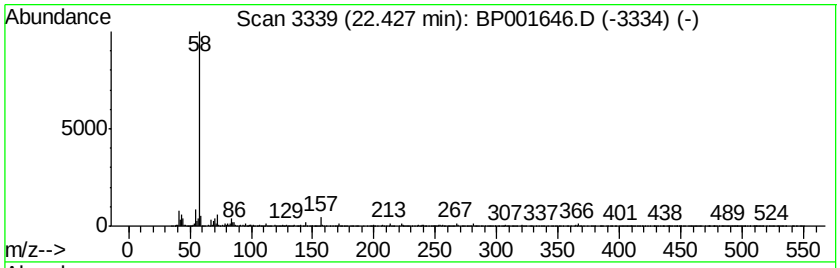
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

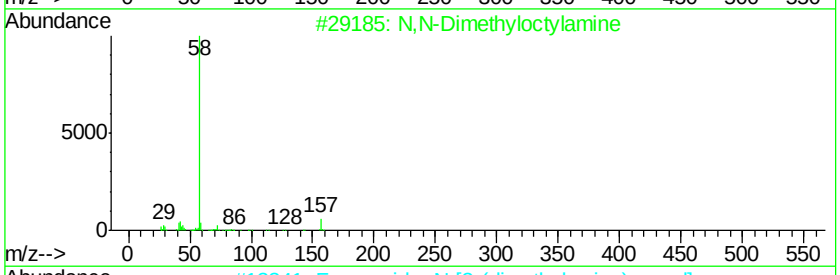
****

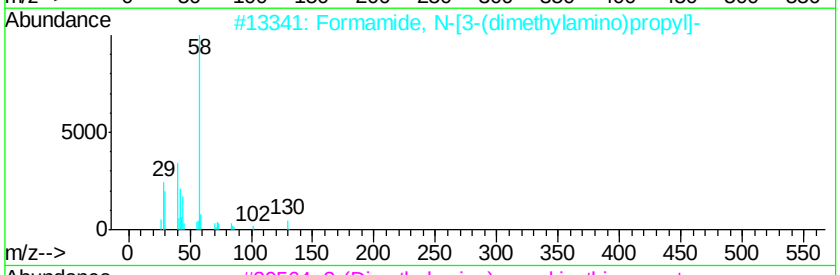
Peak Number 20 N,N-Dimethyloctylamine Concentration Rank 7

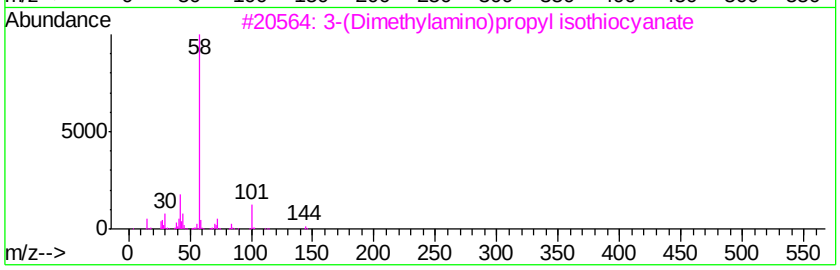
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	33.89 ng	624040	Perylene-d12	23.39

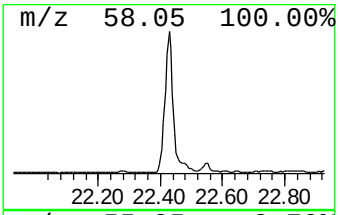
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
2	Formamide, N-[3-(dimethylamino)p...	130	C6H14N2O	005922-69-0	72
3	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	72
4	2-Trifluoromethylbenzoic acid, 2...	261	C12H14F3NO2	1000331-16-2	64
5	3-Hexanamine, 3-ethyl-	129	C8H19N	056667-17-5	64

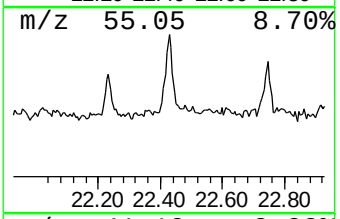


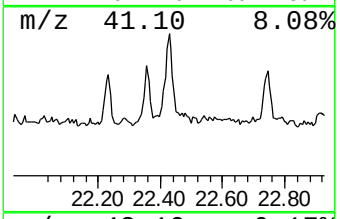


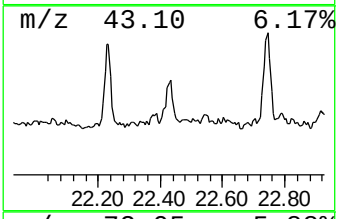


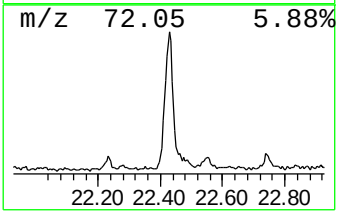












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP011620\
Data File : BP001646.D
Acq On : 17 Jan 2020 01:26
Operator : JU
Sample : L1016-05 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-03-011520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.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
unknown7.18	7.18	33.8	ng	512272	1	7.63	302805	20.0
Tridecane	11.87	14.1	ng	545799	2	10.41	776027	20.0
Tetradecane	13.13	24.6	ng	728740	3	14.28	593685	20.0
Bacchotricuneatin c	14.22	23.9	ng	710508	3	14.28	593685	20.0
Undecanoic acid, ...	14.45	237.6	ng	7051570	3	14.28	593685	20.0
Silane, trichloro...	15.17	23.5	ng	697034	3	14.28	593685	20.0
1-Iodo-2-methylun...	15.59	12.8	ng	379641	3	14.28	593685	20.0
Hexadecane	16.05	34.9	ng	820306	4	17.05	470099	20.0
Tridecanoic acid,...	16.23	153.9	ng	3616490	4	17.05	470099	20.0
Octadecane	16.84	31.4	ng	738384	4	17.05	470099	20.0
Tridecane, 7-hexyl-	16.89	13.2	ng	309221	4	17.05	470099	20.0
Eicosane, 10-methyl-	17.59	24.9	ng	585244	4	17.05	470099	20.0
7-Hexadecenoic ac...	17.62	10.1	ng	237152	4	17.05	470099	20.0
Hexadecanoic acid...	17.76	252.4	ng	5933520	4	17.05	470099	20.0
Phenanthrene, 2-m...	17.97	10.5	ng	245856	4	17.05	470099	20.0
Tridecane, 7-propyl-	18.26	20.8	ng	487632	4	17.05	470099	20.0
Methyl 9-cis,11-t...	18.88	729.0	ng	17135900	4	17.05	470099	20.0
9-Octadecenoic ac...	18.92	949.3	ng	22313300	4	17.05	470099	20.0
N,N-Dimethyloctyl...	22.43	33.9	ng	624040	6	23.39	368240	20.0