LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001645.D
Acq On : 17 Jan 2020 00:53
Operator : JU
Sample : L1006-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HD-01-011520

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	2.946	23	27	36	rVB	73776	105952	4.14%	0.512%
2	4.799	337	342	351	rVB	78705	108028	4.22%	0.522%
3	5.258	414	420	430	rBV	321663	495737	19.35%	2.394%
4	6.828	681	687	701	rVB	368676	601717	23.48%	2.906%
5	7.175	736	746	759	rVB	368074	589616	23.01%	2.848%
6	7.634	816	824	832	rBV	194826	308317	12.03%	1.489%
7	7.952	870	878	888	rVB	278273	446257	17.42%	2.155%
8	8.775	1002	1018	1029	rBV	221247	398842	15.57%	1.926%
9	10.410	1286	1296	1303	rBV	238630	413568	16.14%	1.997%
10	11.463	1469	1475	1483	rBV6	10492	25741	1.00%	0.124%
11	11.869	1536	1544	1551	rBV2	24873	45617	1.78%	0.220%
12	12.898	1712	1719	1728	rBV	488493	698270	27.25%	3.372%
13	13.128	1750	1758	1765	rBV	41082	70558	2.75%	0.341%
14	13.745	1859	1863	1868	rBV	25762	38760	1.51%	0.187%
15	14.216	1938	1943	1947	rBV	54905	70746	2.76%	0.342%
16	14.281	1947	1954	1960	rVV2	364141	531647	20.75%	2.568%
17	14.345	1960	1965	1973	rVV	79824	124711	4.87%	0.602%
18	14.434	1974	1980	1987	rVB	586183	709751	27.70%	3.428%
19	14.681	2016	2022	2028	rBV	26908	47971	1.87%	0.232%
20	14.839	2045	2049	2054	rVB	19054	26868	1.05%	0.130%
21	15.175	2101	2106	2112	rVB	66660	82248	3.21%	0.397%
22	15.334	2129	2133	2139	rBV	44064	64500	2.52%	0.312%
23	15.586	2169	2176	2180	rBV	22548	40186	1.57%	0.194%
24	15.781	2204	2209	2218	rBV	397120	569907	22.24%	2.752%
25	16.039	2249	2253	2256	rBV	67092	83696	3.27%	0.404%
26	16.228	2280	2285	2291	rVB	339337	391543	15.28%	1.891%
27	16.839	2385	2389	2395	rBV2	67113	102334	3.99%	0.494%
28	16.892	2395	2398	2404	rVB2	25812	35630	1.39%	0.172%
29	17.045	2418	2424	2427	rBV	417227	595280	23.23%	2.875%
30	17.086	2427	2431	2437	rVB	255309	351760	13.73%	1.699%
31	17.175	2437	2446	2452	rBV	98959	159782	6.24%	0.772%
32	17.451	2486	2493	2497	rBV2	37159	79842	3.12%	0.386%
33	17.581	2510	2515	2519	rBV2	66057	80851	3.16%	0.390%
34	17.622	2519	2522	2527	rVB6	21071	27939	1.09%	0.135%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001645.D
Acq On : 17 Jan 2020 00:53
Operator : JU
Sample : L1006-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HD-01-011520

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	17.751	2539	2544	2553	rVB	655984	748793	29.22%	3.616%
36	17.969	2577	2581	2587	rVB	32551	43967	1.72%	0.212%
37	18.104	2600	2604	2609	rBV3	84739	127235	4.97%	0.615%
38	18.257	2627	2630	2634	rBV	50518	51251	2.00%	0.248%
39	18.410	2653	2656	2659	rBV2	28454	36019	1.41%	0.174%
40	18.863	2728	2733	2735	rBV	1625011	2014735	78.63%	9.731%
41	18.892	2735	2738	2742	rVB	2292227	2562193	100.00%	12.375%
42	19.022	2756	2760	2763	rBV	258844	291763	11.39%	1.409%
43	19.069	2763	2768	2774	rVB	734108	930964	36.33%	4.496%
44	19.422	2817	2828	2837	rVB	566902	965450	37.68%	4.663%
45	19.627	2858	2863	2867	rBV	811794	911042	35.56%	4.400%
46	19.857	2899	2902	2907	rBV6	44907	73381	2.86%	0.354%
47	19.910	2908	2911	2915	rVB	88394	110378	4.31%	0.533%
48	19.957	2916	2919	2921	rBV2	38578	44843	1.75%	0.217%
49	19.980	2921	2923	2925	rVV2	49373	60094	2.35%	0.290%
50	20.004	2925	2927	2931	rVB	89661	94868	3.70%	0.458%
51	20.092	2939	2942	2947	rBV5	59843	78559	3.07%	0.379%
52	20.886	3073	3077	3081	rVB3	110144	154215	6.02%	0.745%
53	21.145	3115	3121	3125	rBV2	549870	1005844	39.26%	4.858%
54	21.180	3125	3127	3136	rVB	238408	287304	11.21%	1.388%
55	21.298	3144	3147	3149	rBV	64978	77555	3.03%	0.375%
56	22.716	3383	3388	3400	rVB2	172074	567654	22.16%	2.742%
57	23.186	3464	3468	3475	rVB	111192	188657	7.36%	0.911%
58	23.280	3480	3484	3488	rBV	152459	259499	10.13%	1.253%
59	23.380	3496	3501	3506	rBV	292926	494913	19.32%	2.390%

Sum of corrected areas: 20705348

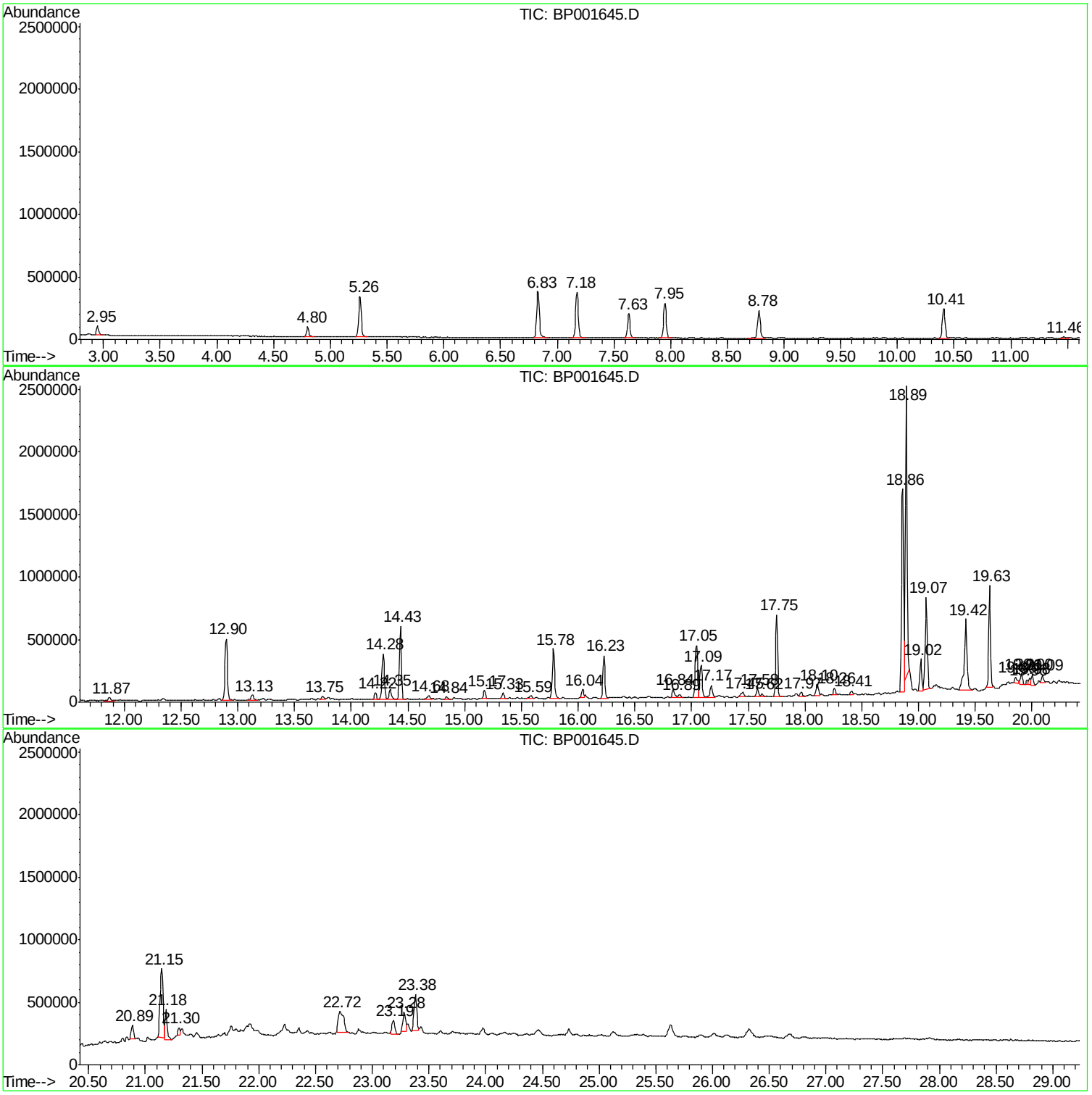
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001645.D
Acq On : 17 Jan 2020 00:53
Operator : JU
Sample : L1006-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-01-011520

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 : BP001645.D
Acq On : 17 Jan 2020 00:53
Operator : JU
Sample : L1006-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HD-01-011520

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

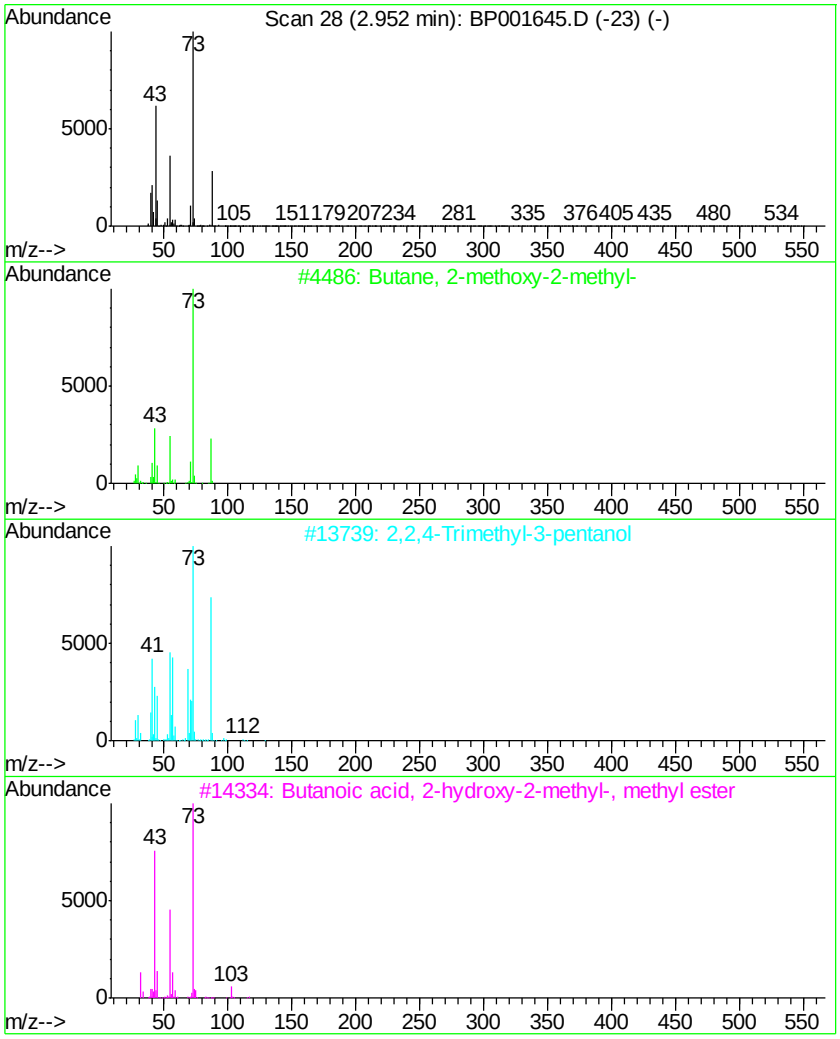
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

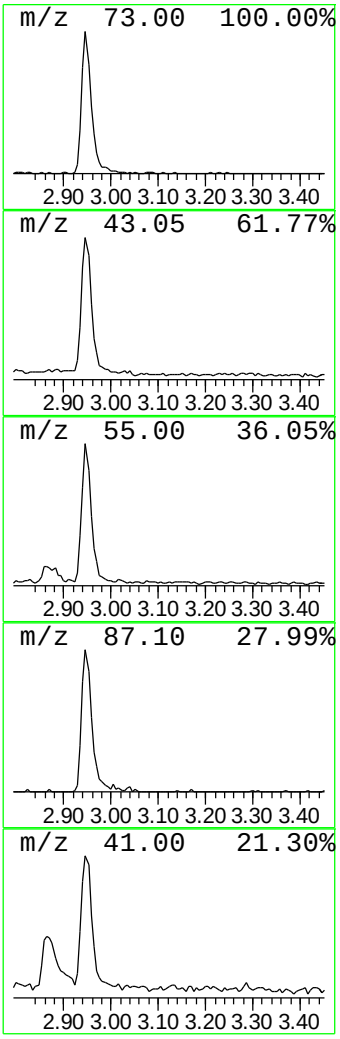
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	6.87 ng	105952	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	37
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
5	3,5-Dimethyl-5-hexen-3-ol	128	C8H16O	001569-46-6	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001645.D
Acq On : 17 Jan 2020 00:53
Operator : JU
Sample : L1006-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HD-01-011520

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

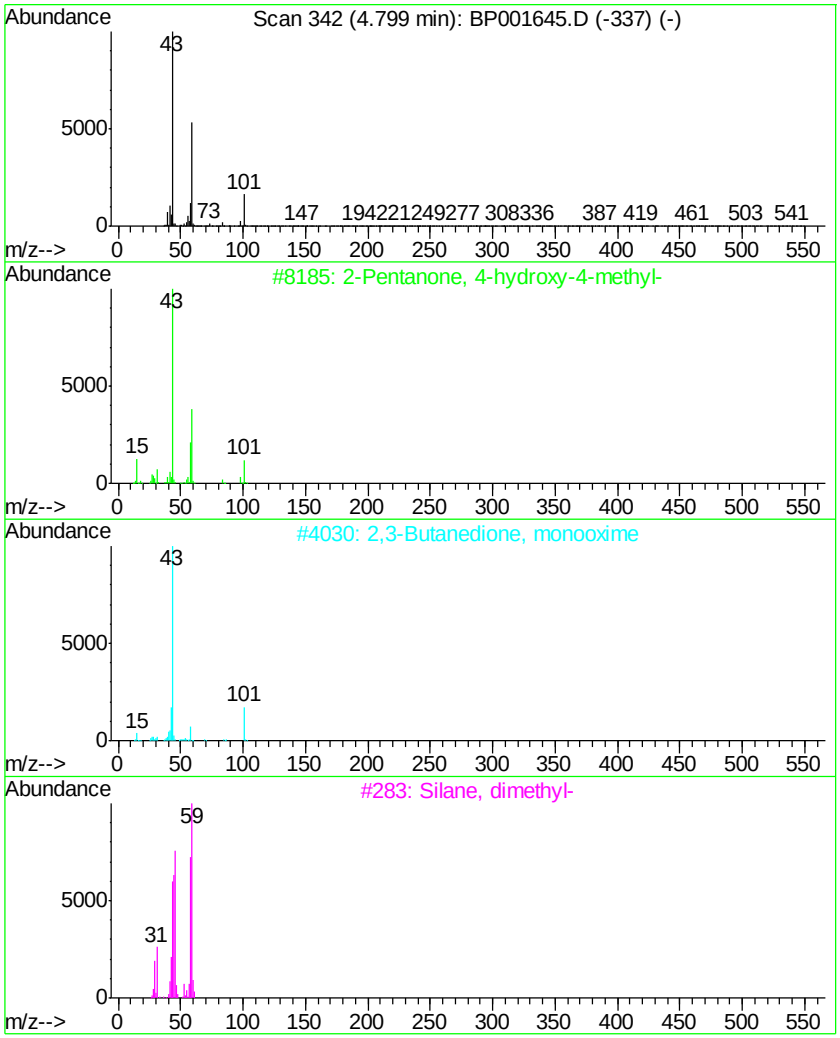
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

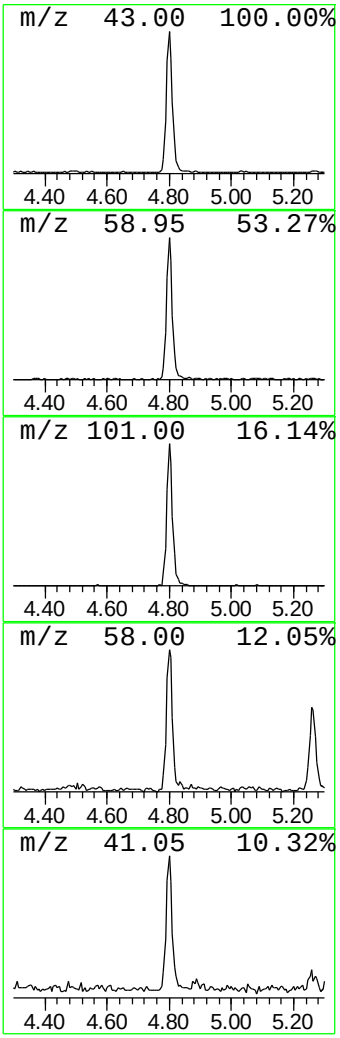
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	7.01 ng	108028	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3	Silane, dimethyl-	60	C2H8Si	001111-74-6	9
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	9
5	Silane, trimethyl-	74	C3H10Si	000993-07-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001645.D
Acq On : 17 Jan 2020 00:53
Operator : JU
Sample : L1006-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HD-01-011520

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

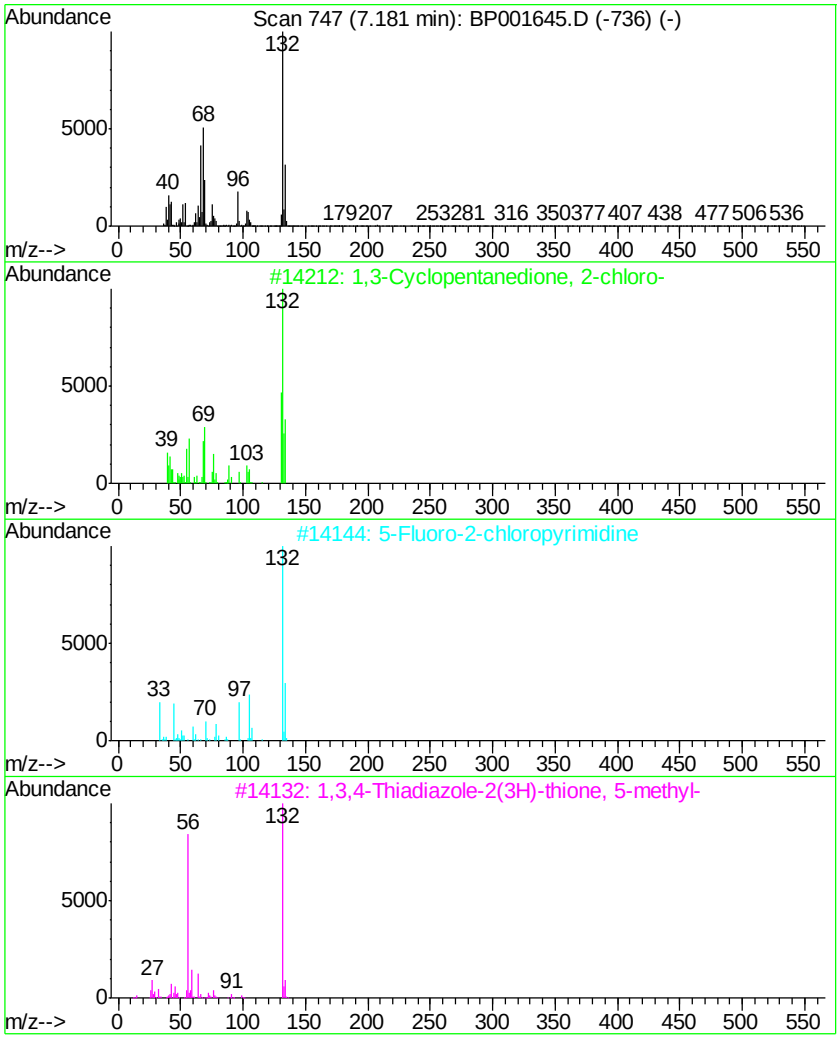
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

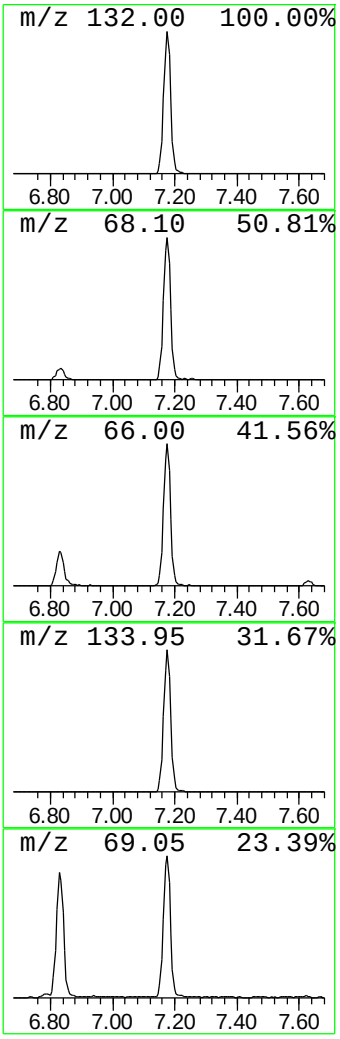
****

Peak Number 3 unknown7.18 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	38.25 ng	589616	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	22
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	14





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001645.D
Acq On : 17 Jan 2020 00:53
Operator : JU
Sample : L1006-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HD-01-011520

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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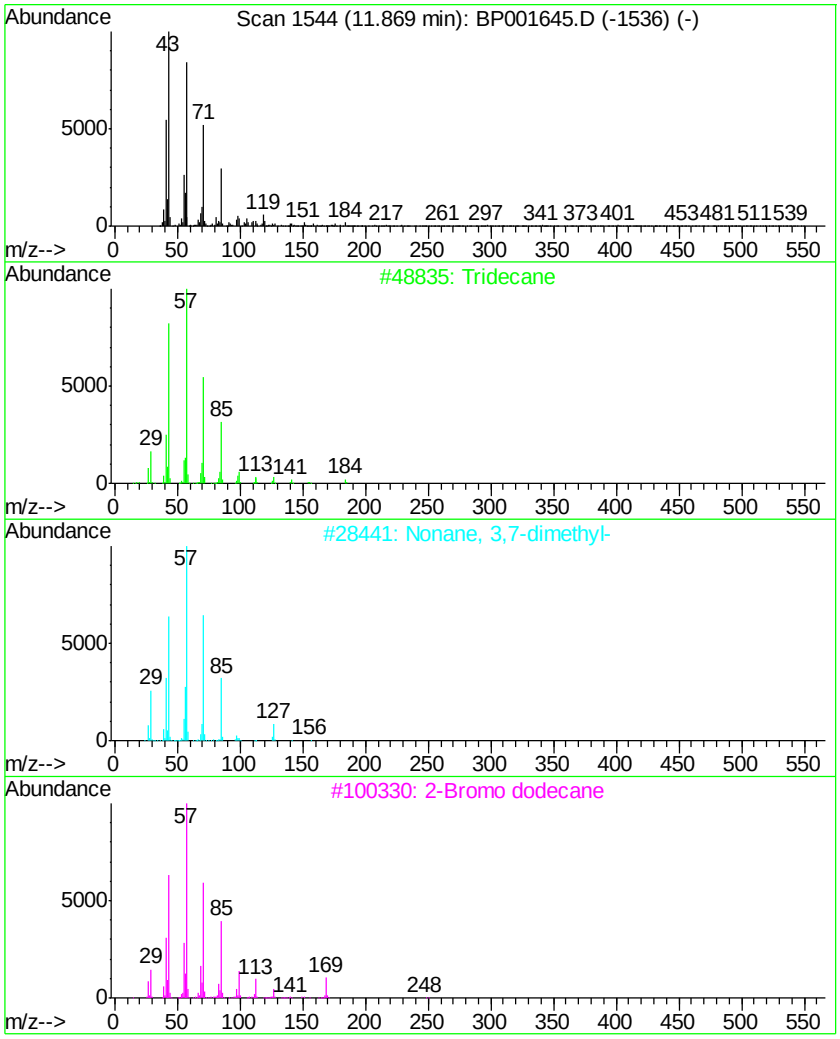
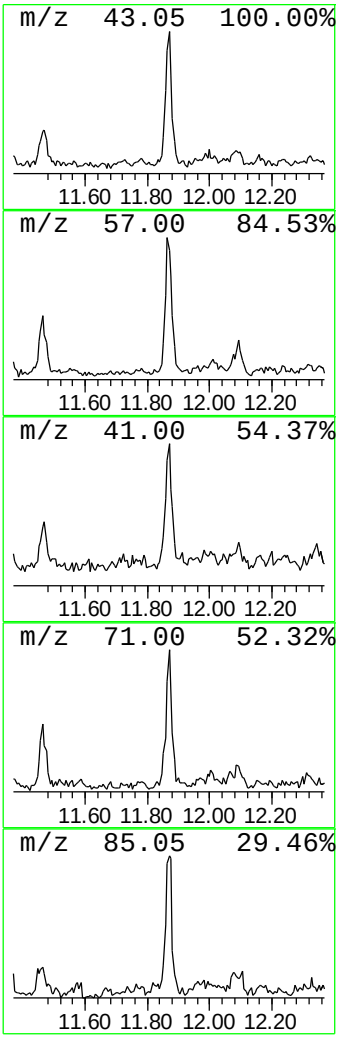
Peak Number 5 Tridecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.21 ng	45617	Naphthalene-d8	10.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	81
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001645.D
Acq On : 17 Jan 2020 00:53
Operator : JU
Sample : L1006-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HD-01-011520

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

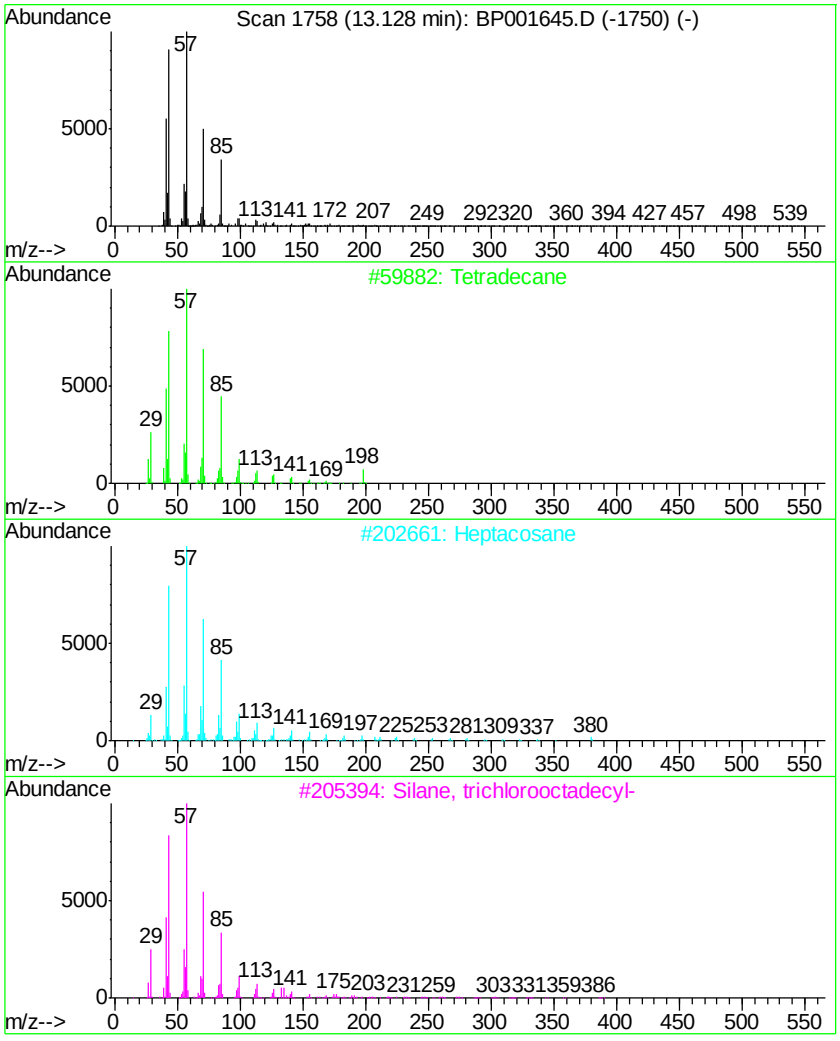
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

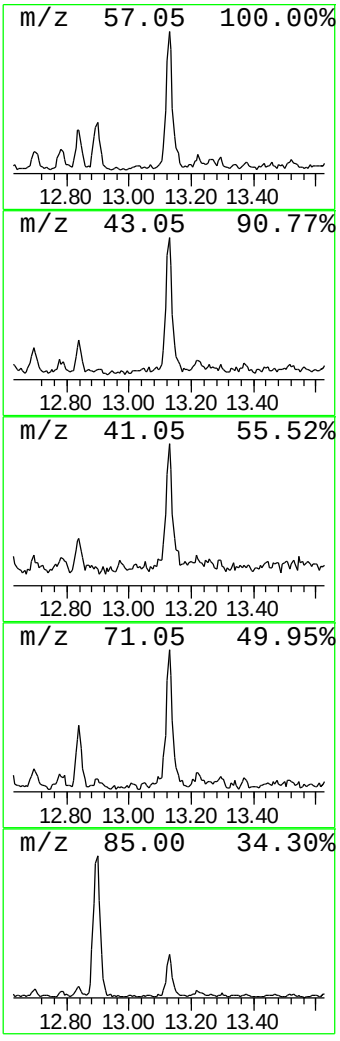
****

Peak Number 6 Tetradecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	2.65 ng	70558	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	91
4	Tridecane	184	C13H28	000629-50-5	86
5	Undecane	156	C11H24	001120-21-4	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001645.D
Acq On : 17 Jan 2020 00:53
Operator : JU
Sample : L1006-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HD-01-011520

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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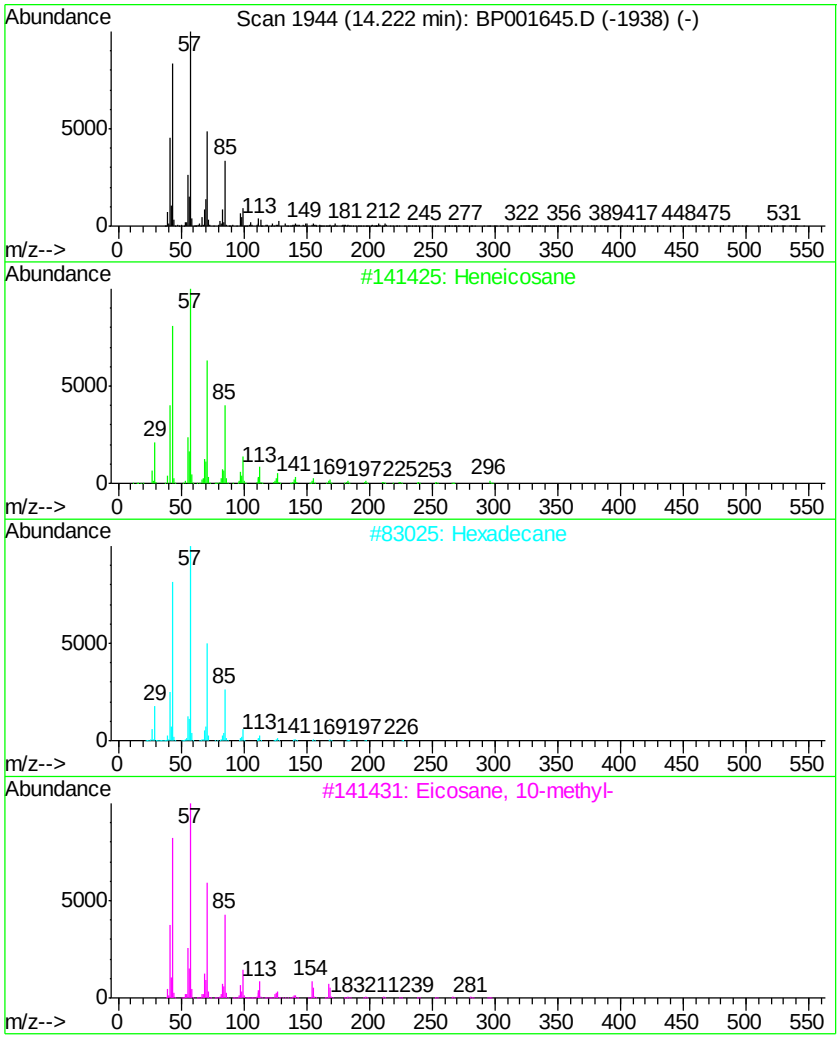
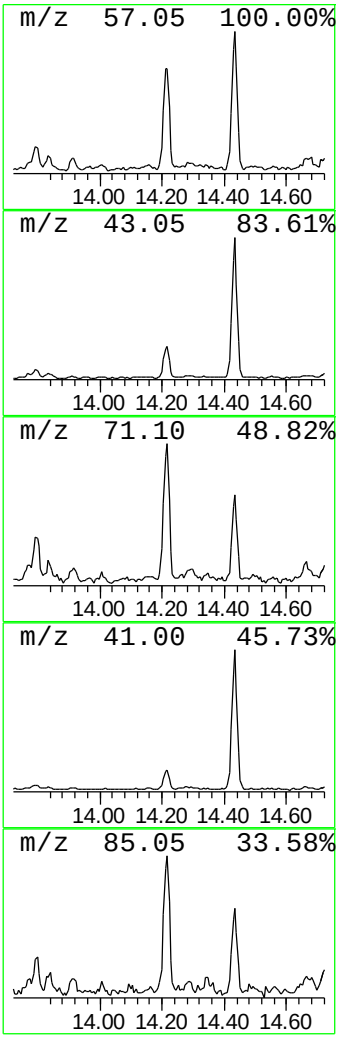
Peak Number 7 Heneicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	2.66 ng	70746	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	86
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001645.D
Acq On : 17 Jan 2020 00:53
Operator : JU
Sample : L1006-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HD-01-011520

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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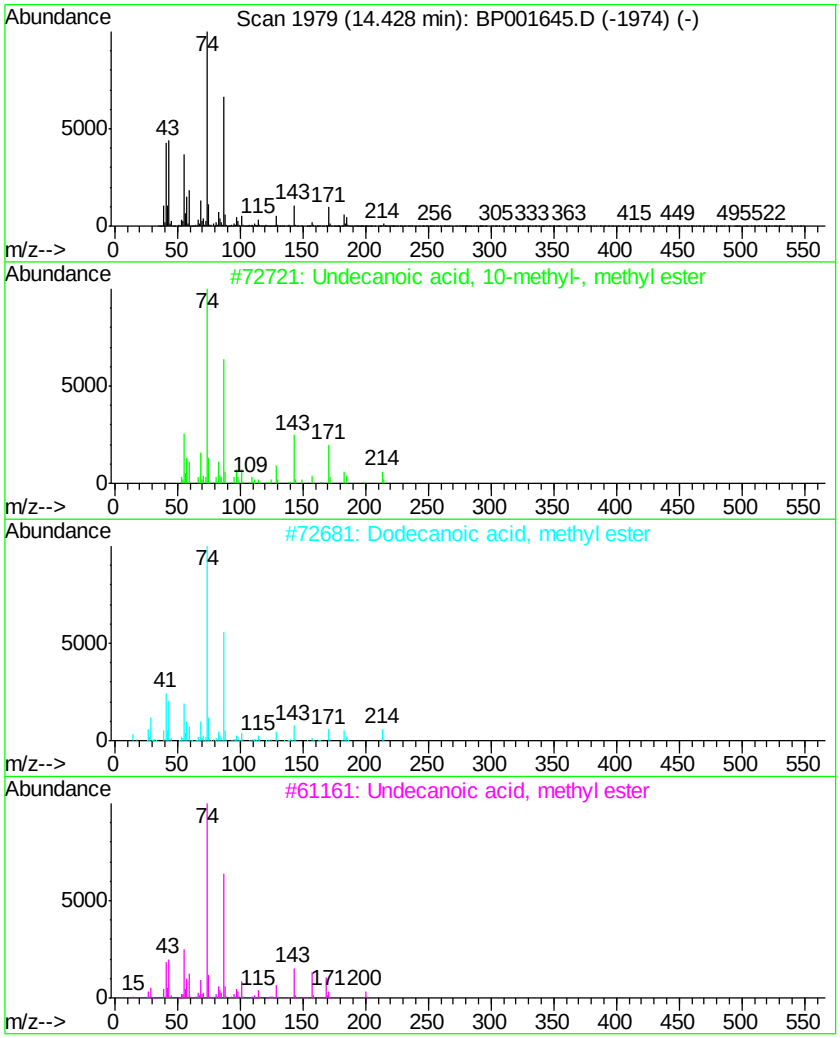
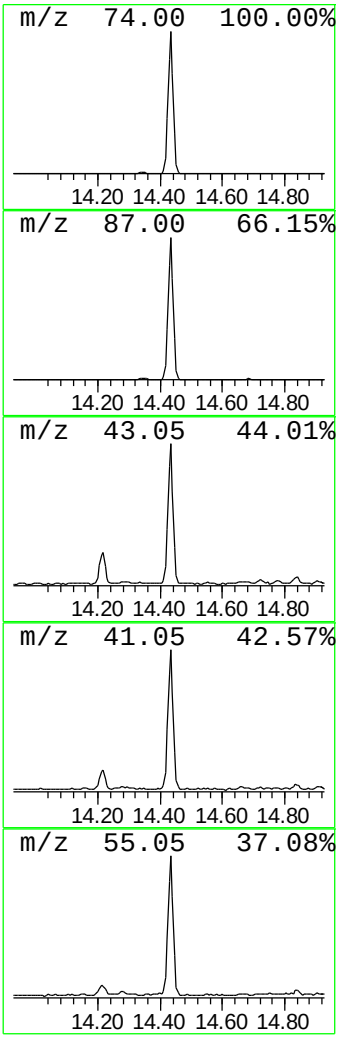
Peak Number 8 Undecanoic acid, 10-methyl-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	26.70 ng	709751	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid, 10-methyl-, met...	214	C13H26O2	005129-56-6	95
2	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	91
3	Undecanoic acid, methyl ester	200	C12H24O2	001731-86-8	80
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	80
5	Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001645.D
Acq On : 17 Jan 2020 00:53
Operator : JU
Sample : L1006-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HD-01-011520

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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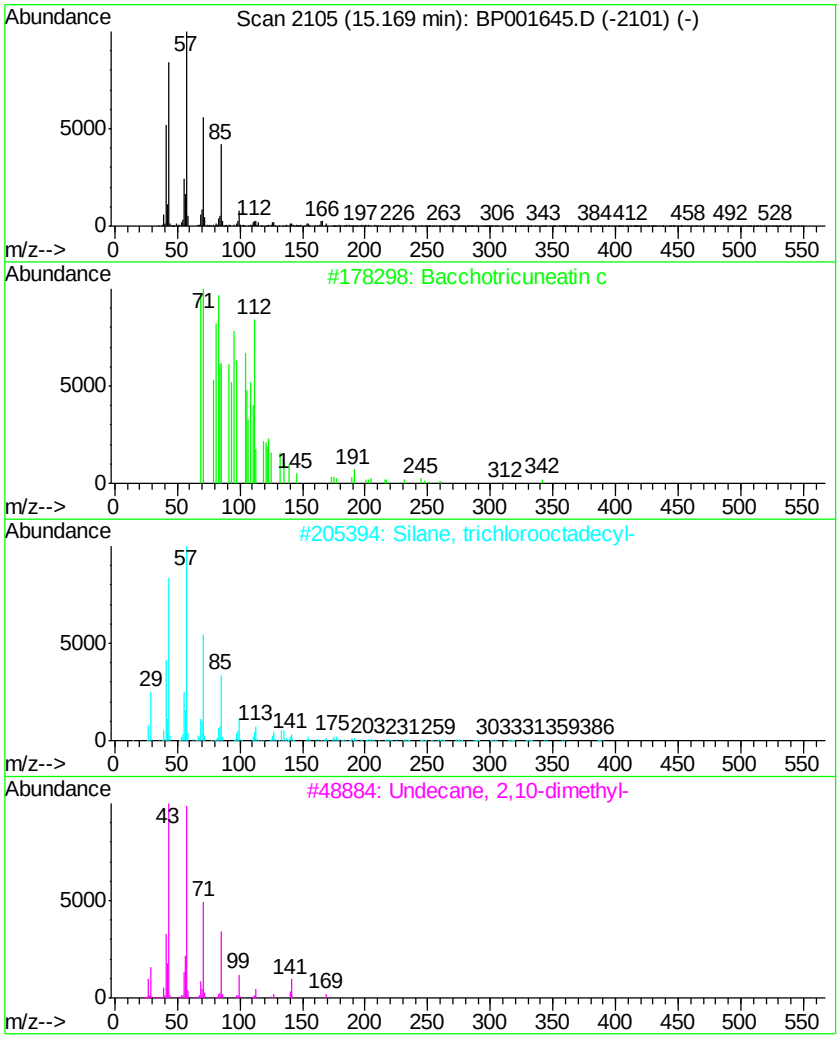
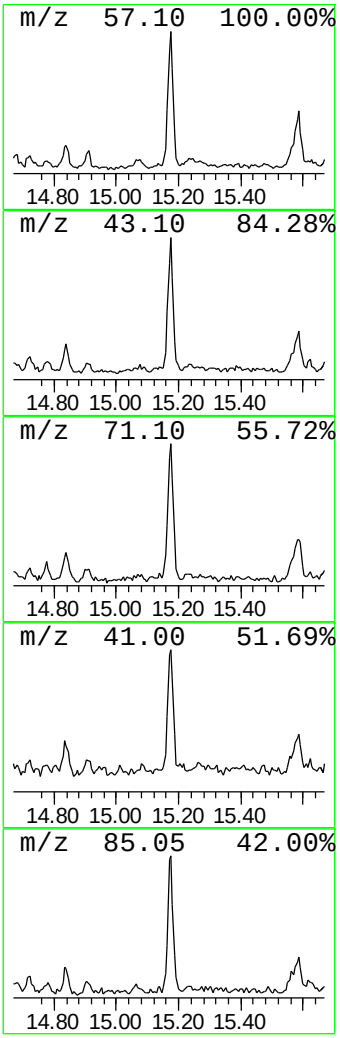
Peak Number 9 Bacchotricuneatin c Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	3.09 ng	82248	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	99
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	91
3	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	91
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	91
5	Hexadecane	226	C16H34	000544-76-3	90





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Acq On : 17 Jan 2020 00:53
Operator : JU
Sample : L1006-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HD-01-011520

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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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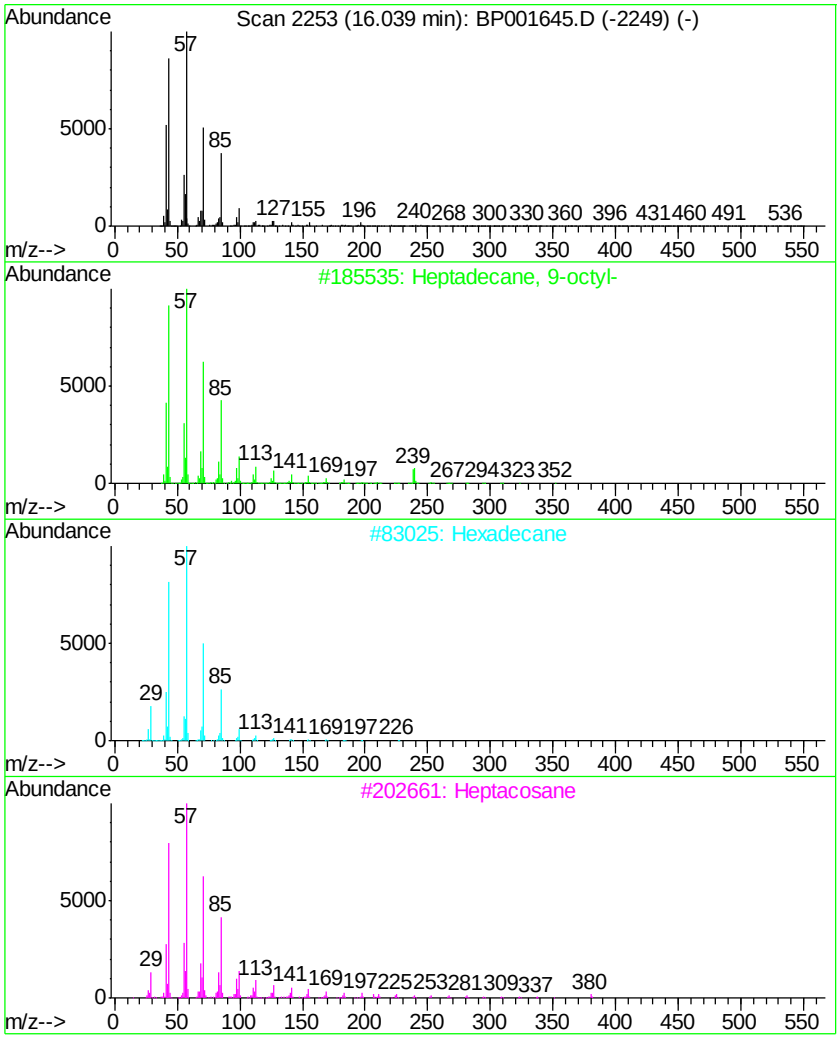
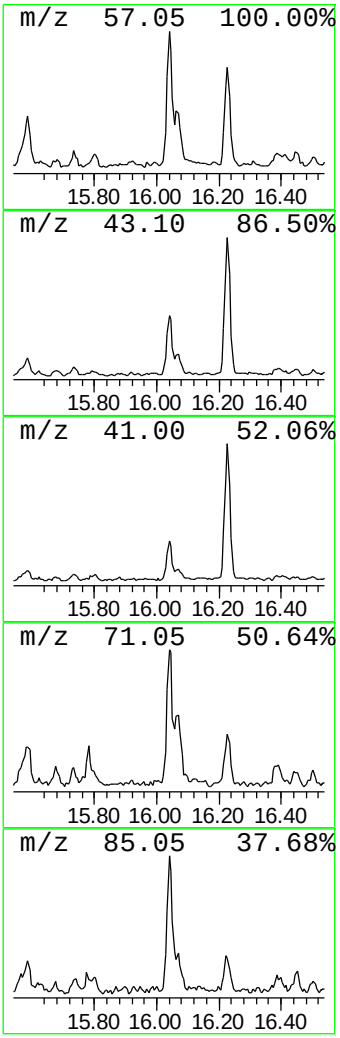
Peak Number 10 Heptadecane, 9-octyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	2.81 ng	83696	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptacosane	380	C27H56	000593-49-7	87
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	86





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ClientSampleId : HD-01-011520

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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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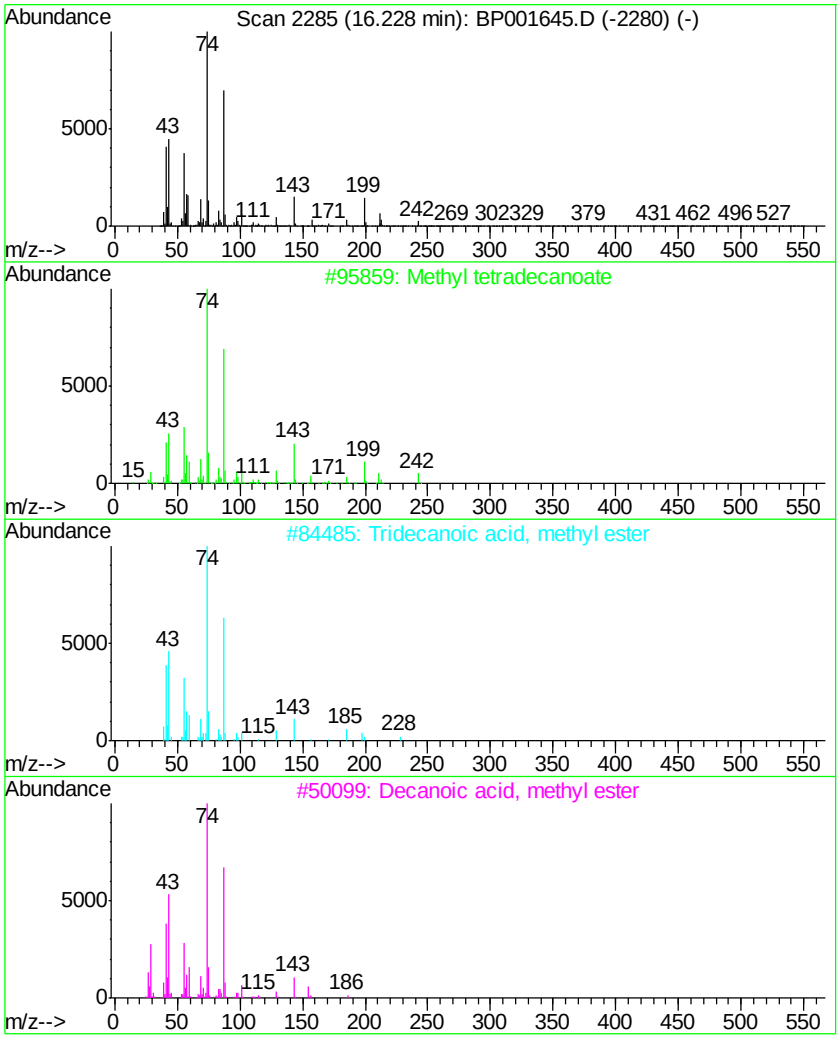
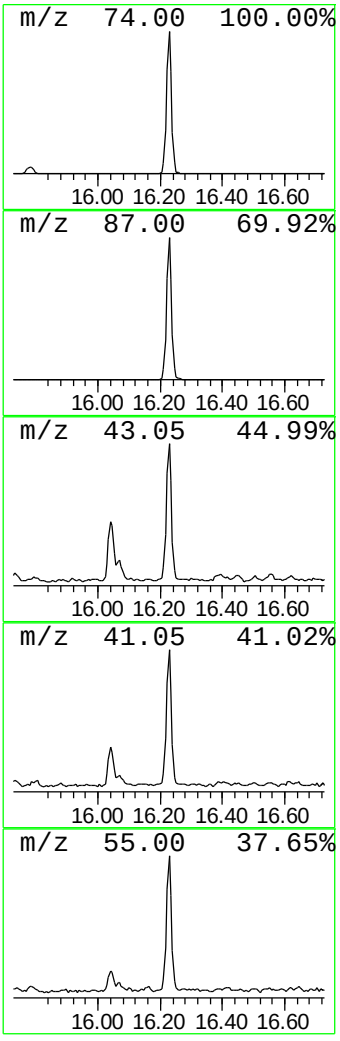
Peak Number 11 Methyl tetradecanoate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	13.15 ng	391543	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	80
3	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	80
4	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	80
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	80





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Misc :
ALS Vial : 17 Sample Multiplier: 1

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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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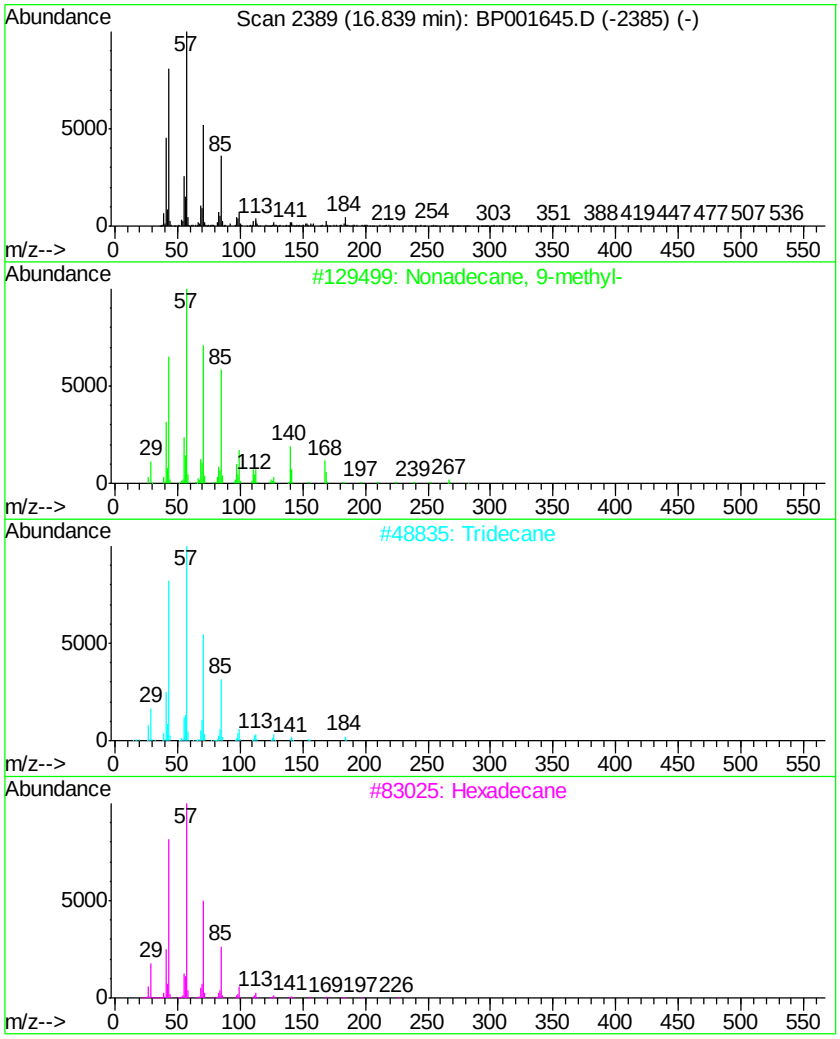
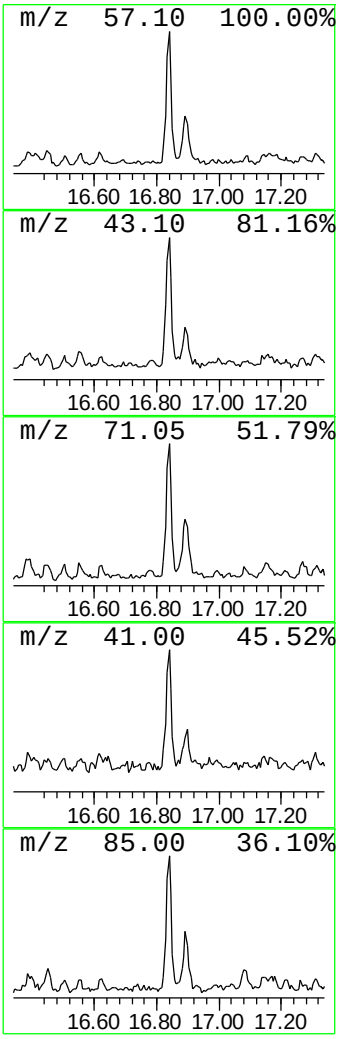
Peak Number 12 Nonadecane, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	3.44 ng	102334	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
2	Tridecane	184	C13H28	000629-50-5	90
3	Hexadecane	226	C16H34	000544-76-3	80
4	N1-Tetrahydrofuran-2-ylmethyl-2-...	297	C13H16ClN3OS	283155-62-4	78
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	76





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Sample : L1006-01 2X
Misc :
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ClientSampleId : HD-01-011520

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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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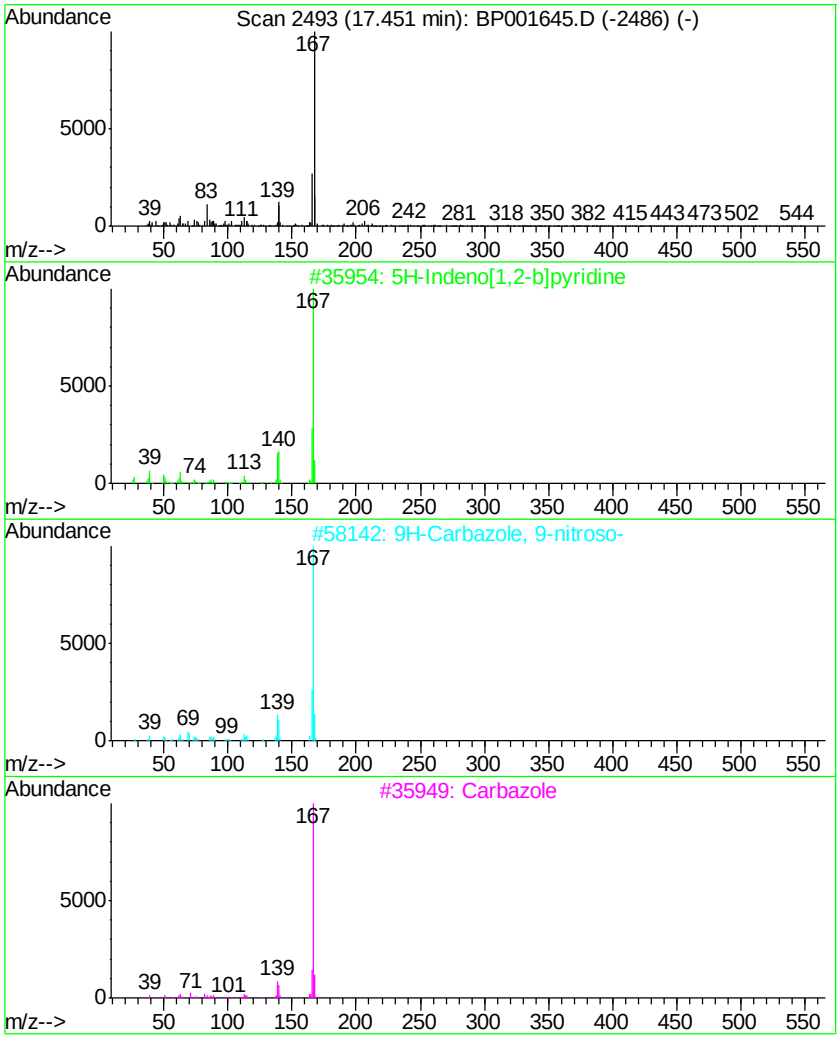
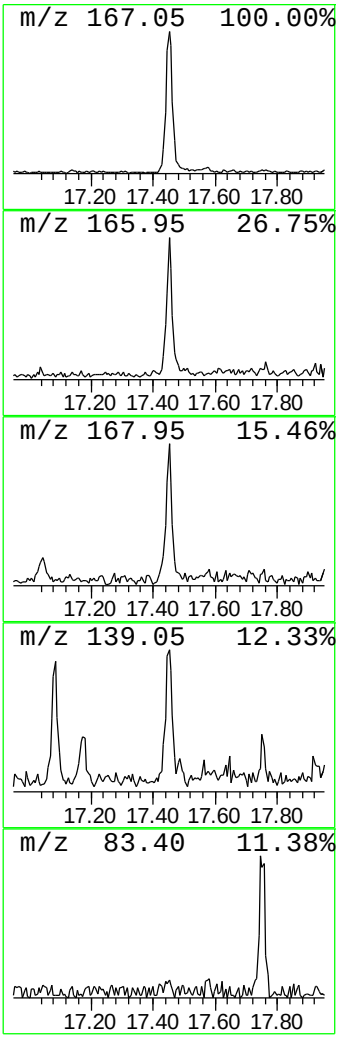
Peak Number 13 5H-Indeno[1,2-b]pyridine Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	2.68 ng	79842	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	93
2	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	86
3	Carbazole	167	C12H9N	000086-74-8	81
4	D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	80
5	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	72





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Operator : JU
Sample : L1006-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId : HD-01-011520

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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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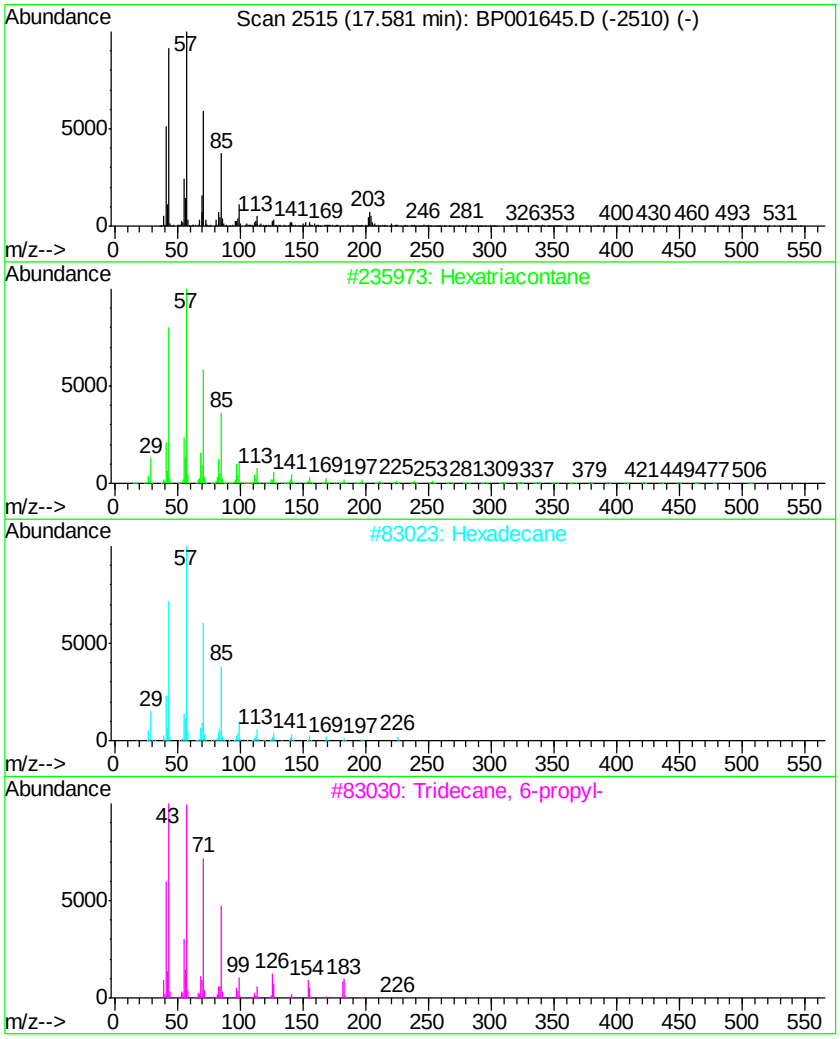
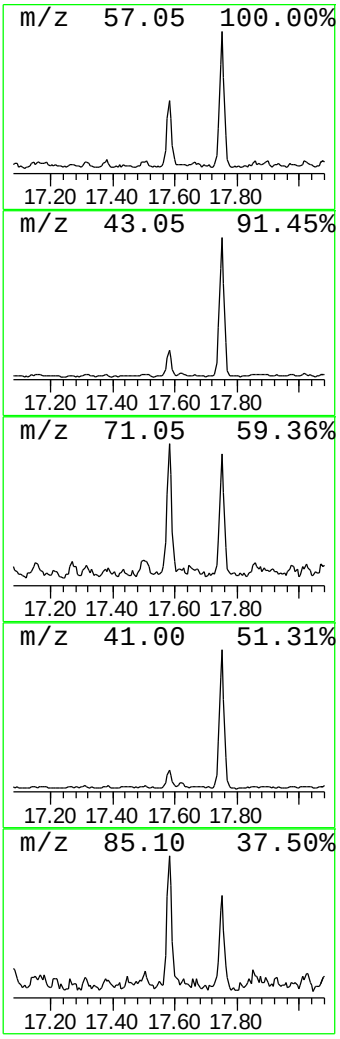
Peak Number 14 Hexatriacontane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.58	2.72 ng	80851	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	91
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	74
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
5	Nonadecane	268	C19H40	000629-92-5	64





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Misc :
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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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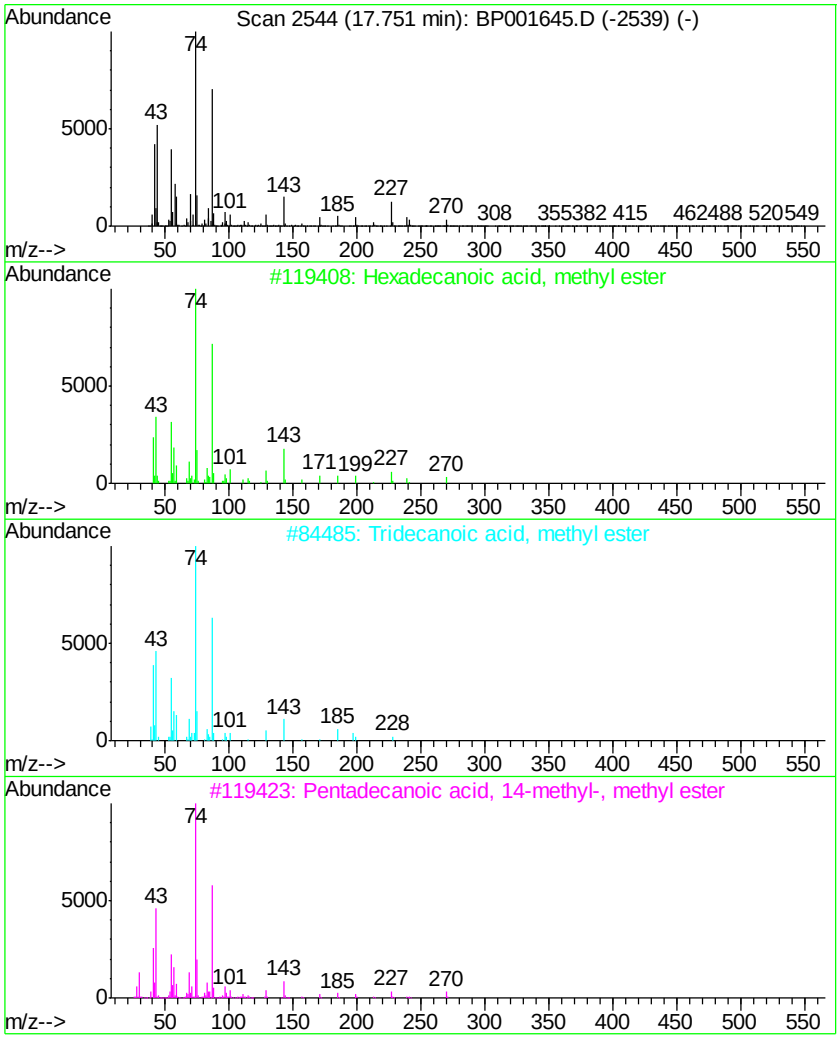
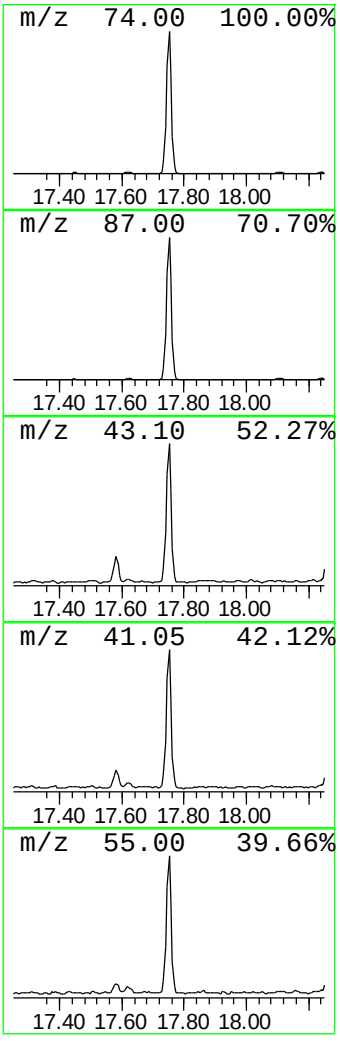
Peak Number 15 Hexadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	25.16 ng	748793	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	93
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
4	Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	87
5	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	83





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Sample : L1006-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HD-01-011520

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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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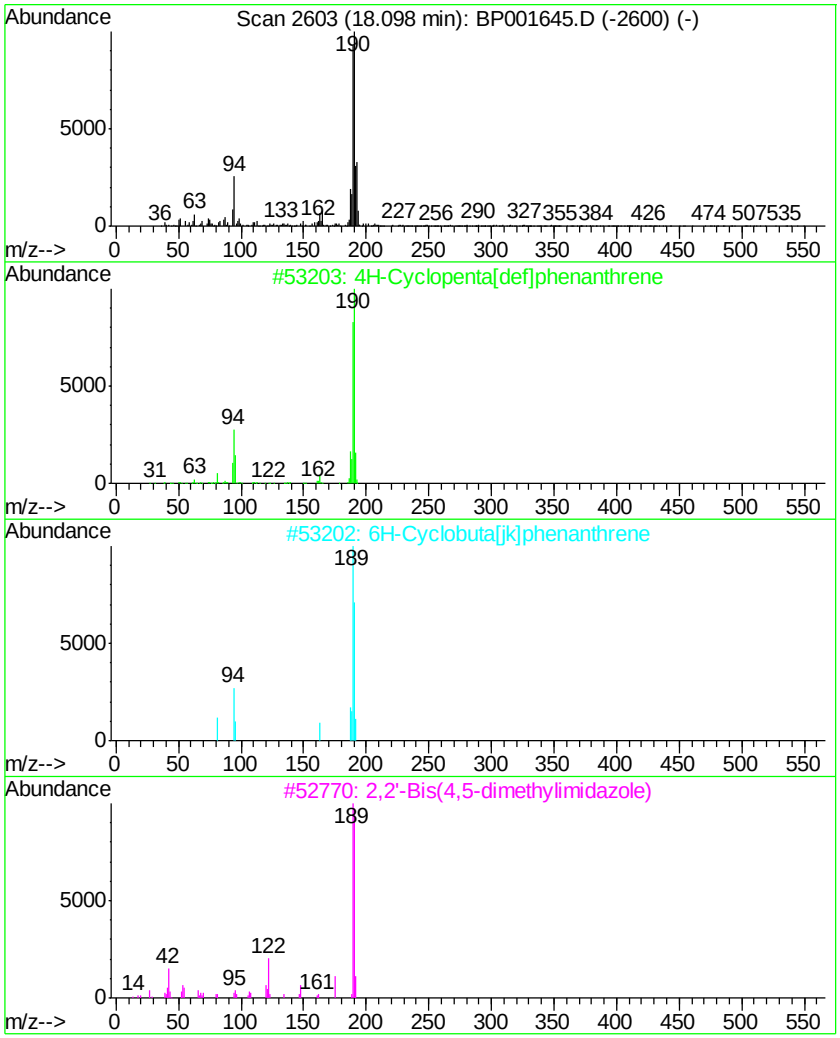
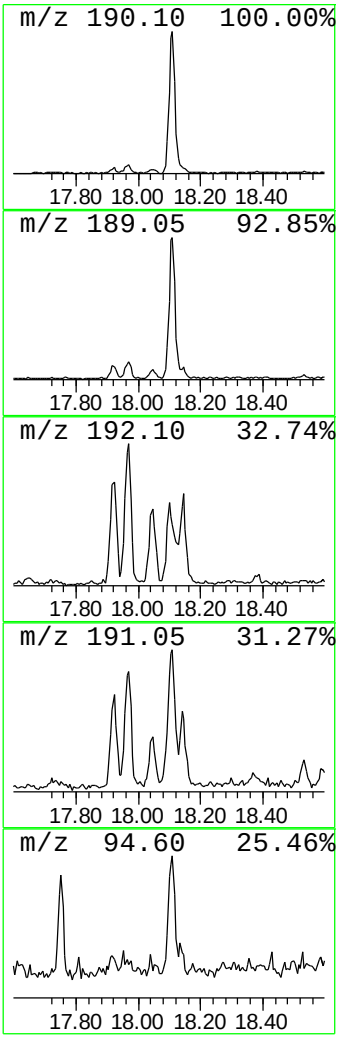
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	4.27 ng	127235	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	58
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	53
5	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	45





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Misc :
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Instrument : BNA_P
ClientSampleId : HD-01-011520

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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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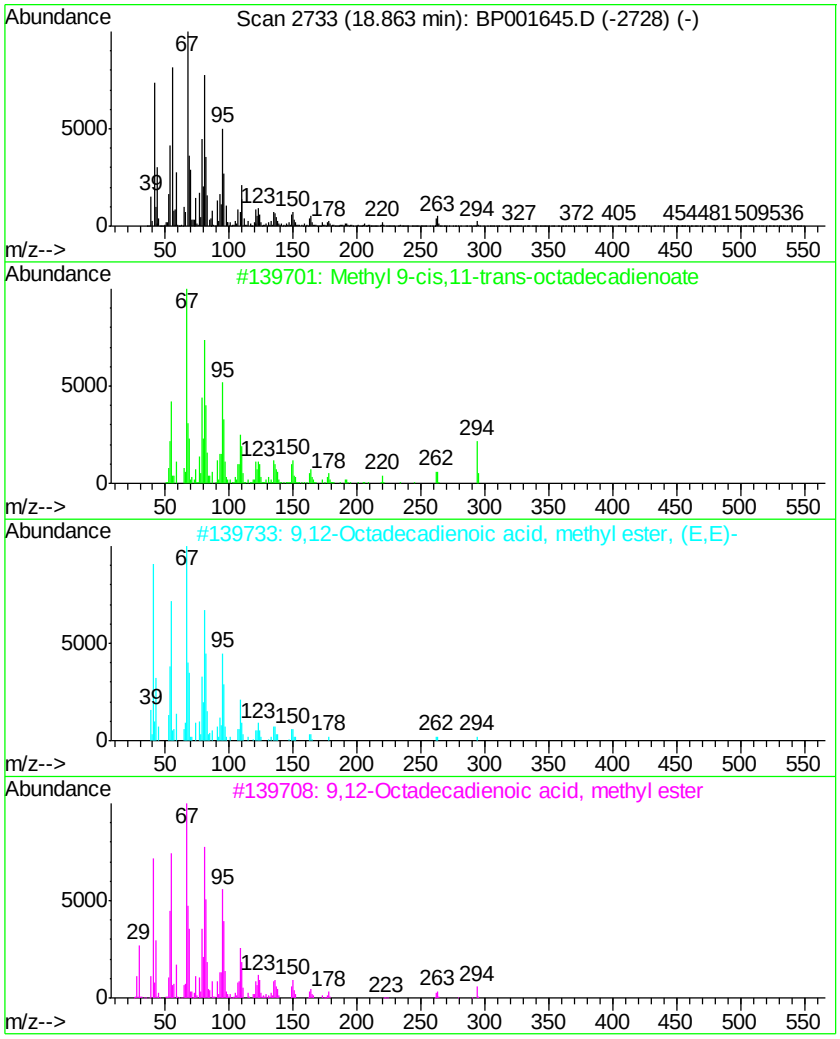
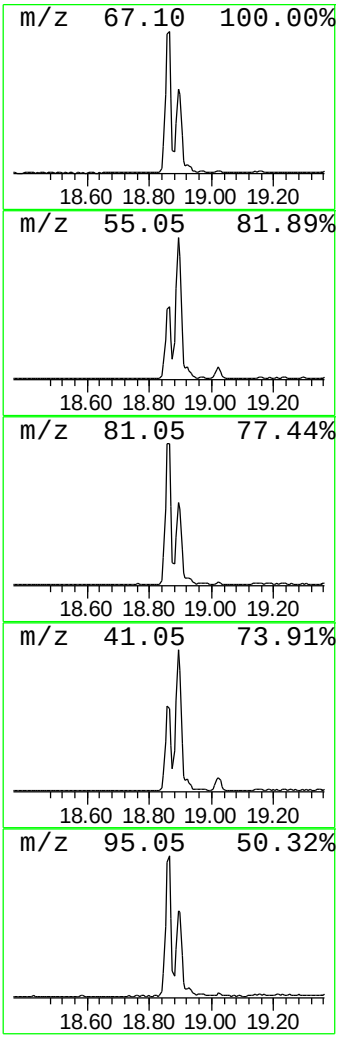
Peak Number 17 Methyl 9-cis,11-trans-octad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	67.69 ng	2014740	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	98
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	97
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	95





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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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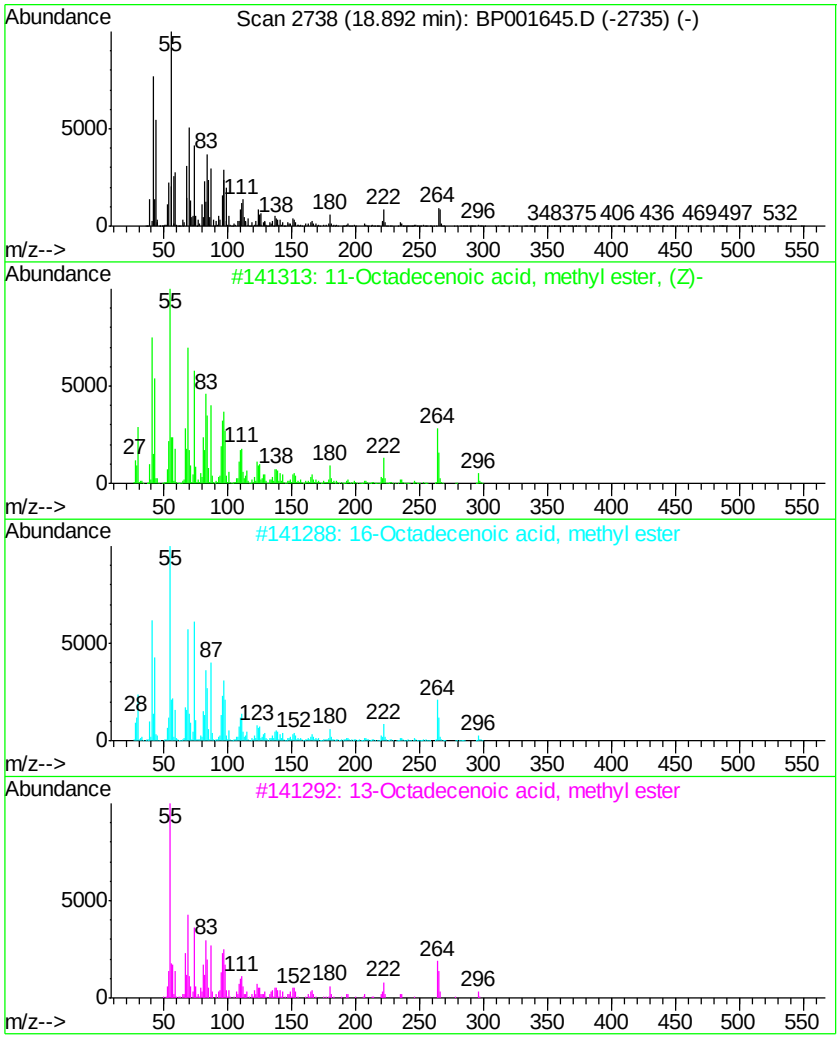
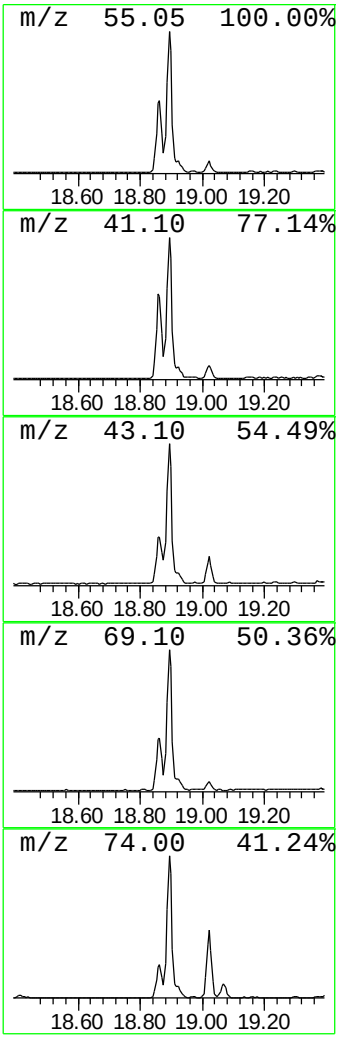
Peak Number 18 11-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	86.08 ng	2562190	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	98
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	97
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	96
4	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94
5	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	94





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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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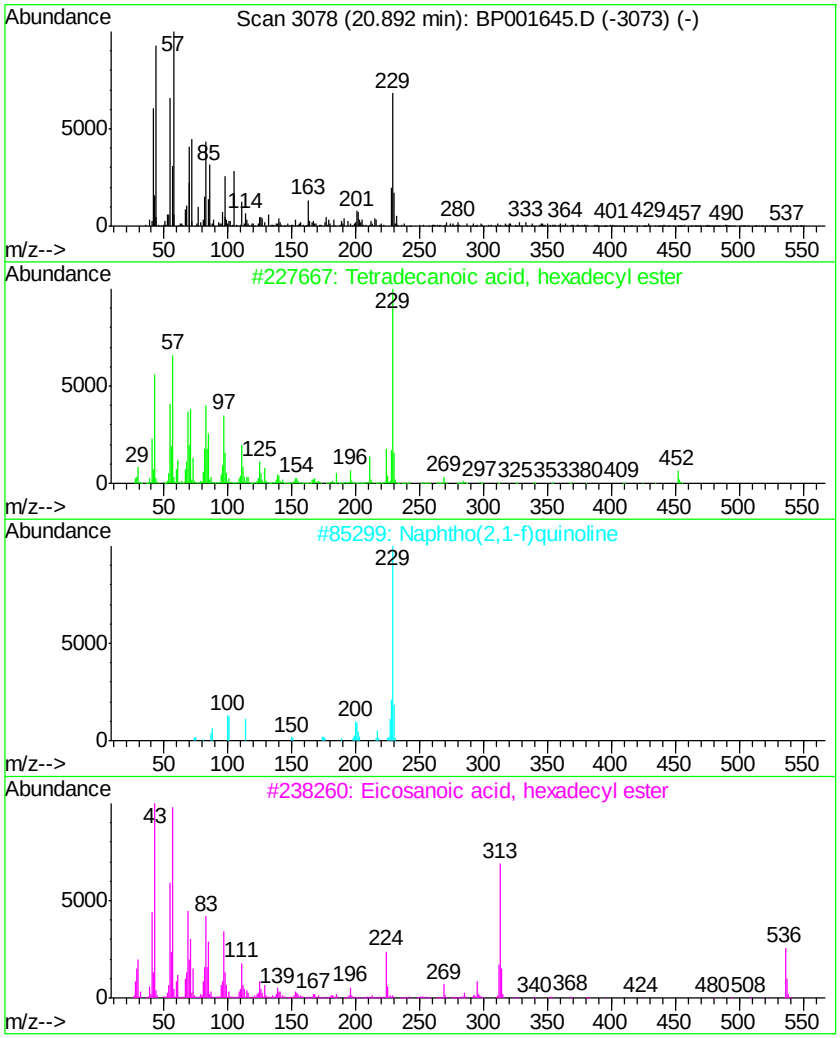
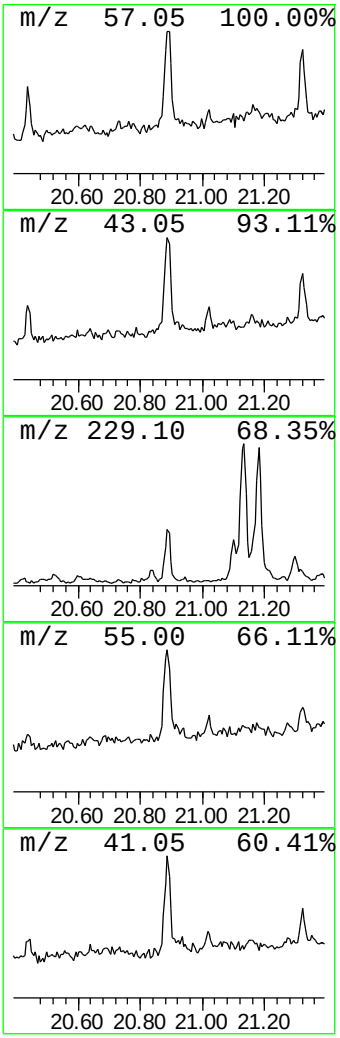
Peak Number 19 unknown20.89 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	3.07 ng	154215	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid, hexadecyl ester	452	C30H60O2	002599-01-1	45
2	Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	35
3	Eicosanoic acid, hexadecyl ester	537	C36H72O2	022413-05-4	25
4	Thiazole, 2-amino-4-(1H-indol-3-...	229	C12H11N3S	1000304-18-3	22
5	Malononitrile, 2-indeno[1,2-b]py...	229	C15H7N3	1000316-60-9	18





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Instrument : BNA_P
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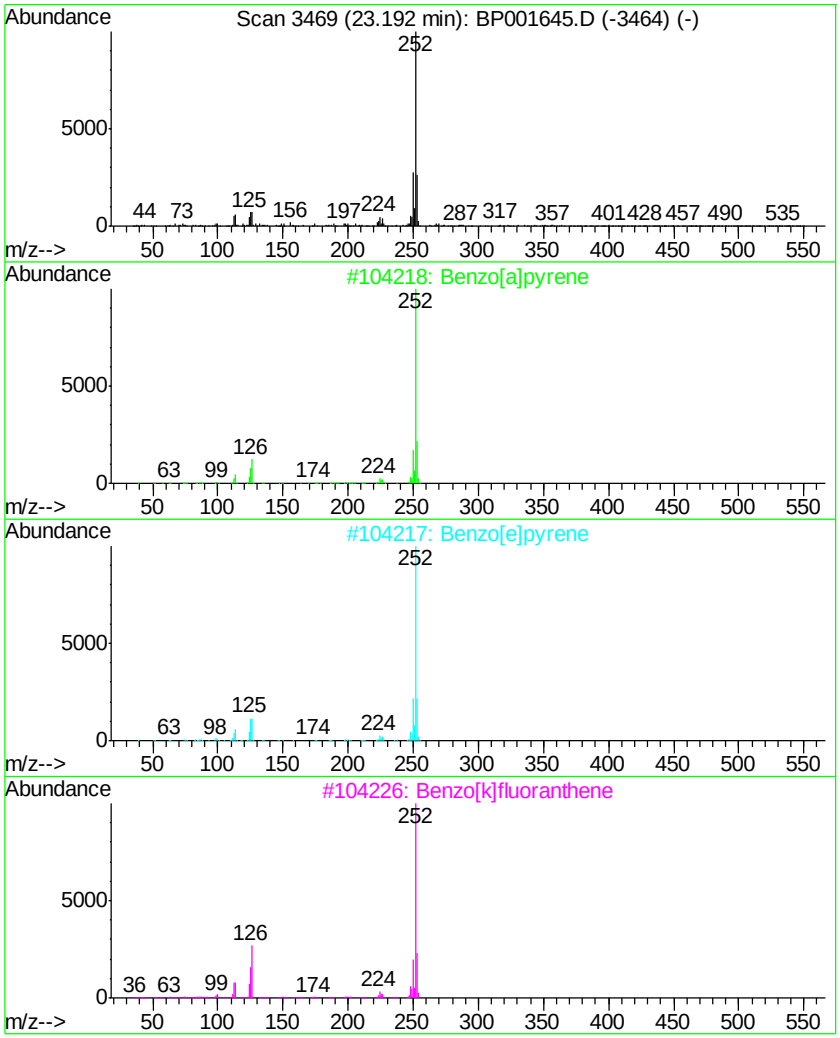
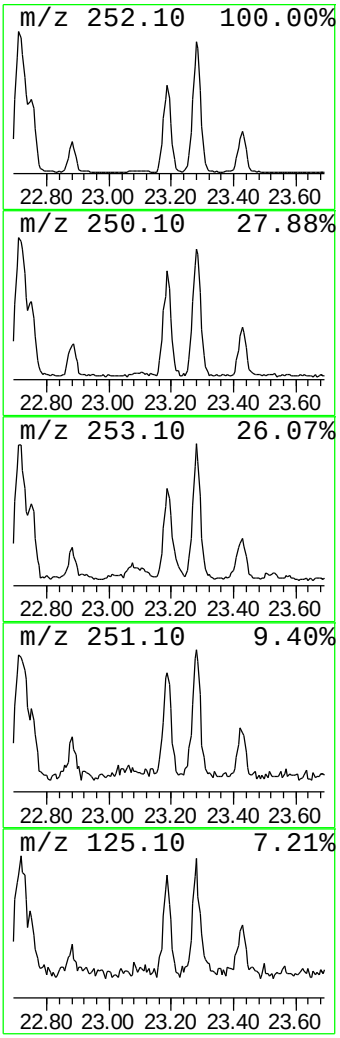
Peak Number 20 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	7.62 ng	188657	Perylene-d12	23.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	94
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
4	Perylene	252	C20H12	000198-55-0	81
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP011620\
Data File : BP001645.D
Acq On : 17 Jan 2020 00:53
Operator : JU
Sample : L1006-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HD-01-011520

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
Butane, 2-methoxy...	2.95	6.9	ng	105952	1	7.63	308317	20.0
2-Pentanone, 4-hy...	4.80	7.0	ng	108028	1	7.63	308317	20.0
unknown7.18	7.18	38.3	ng	589616	1	7.63	308317	20.0
Tridecane	11.87	2.2	ng	45617	2	10.41	413568	20.0
Tetradecane	13.13	2.6	ng	70558	3	14.28	531647	20.0
Heneicosane	14.22	2.7	ng	70746	3	14.28	531647	20.0
Undecanoic acid, ...	14.43	26.7	ng	709751	3	14.28	531647	20.0
Bacchotricuneatin c	15.17	3.1	ng	82248	3	14.28	531647	20.0
Heptadecane, 9-oc...	16.04	2.8	ng	83696	4	17.05	595280	20.0
Methyl tetradecan...	16.23	13.2	ng	391543	4	17.05	595280	20.0
Nonadecane, 9-met...	16.84	3.4	ng	102334	4	17.05	595280	20.0
5H-Indeno[1,2-b]p...	17.45	2.7	ng	79842	4	17.05	595280	20.0
Hexatriacontane	17.58	2.7	ng	80851	4	17.05	595280	20.0
Hexadecanoic acid...	17.75	25.2	ng	748793	4	17.05	595280	20.0
4H-Cyclopenta[def...	18.10	4.3	ng	127235	4	17.05	595280	20.0
Methyl 9-cis,11-t...	18.86	67.7	ng	2014740	4	17.05	595280	20.0
11-Octadecenoic a...	18.89	86.1	ng	2562190	4	17.05	595280	20.0
unknown20.89	20.89	3.1	ng	154215	5	21.15	1005840	20.0
Benzo[e]pyrene	23.19	7.6	ng	188657	6	23.38	494913	20.0