LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001582.D
Acq On : 09 Jan 2020 16:51
Operator : JU
Sample : L1016-01
Misc :
ALS Vial : 9 Sample Multiplier: 2

Instrument : BNA_P
ClientSampleId : SU-02-010720

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	2.975	28	32	41	rVB	78010	106891	1.23%	0.219%
2	4.828	342	347	356	rVB	96140	135422	1.56%	0.278%
3	5.281	417	424	432	rBV	430426	620571	7.17%	1.274%
4	6.846	681	690	703	rVB	461785	748257	8.64%	1.536%
5	7.199	740	750	762	rVB	436633	709990	8.20%	1.458%
6	7.652	820	827	834	rBV	407664	621681	7.18%	1.276%
7	7.969	870	881	887	rBV	348193	555025	6.41%	1.139%
8	8.799	1006	1022	1031	rBV	291516	521231	6.02%	1.070%
9	10.428	1290	1299	1305	rBV	569930	986111	11.39%	2.024%
10	11.487	1473	1479	1486	rBV4	40450	92950	1.07%	0.191%
11	11.893	1540	1548	1554	rBV	134798	207416	2.40%	0.426%
12	12.099	1575	1583	1592	rVB4	54649	124956	1.44%	0.257%
13	12.916	1716	1722	1728	rVB	633683	889256	10.27%	1.826%
14	13.151	1753	1762	1768	rBV	168216	278879	3.22%	0.573%
15	13.463	1809	1815	1821	rBV5	40068	88823	1.03%	0.182%
16	14.169	1930	1935	1941	rVB2	63070	123006	1.42%	0.253%
17	14.234	1941	1946	1950	rVB	208370	250621	2.89%	0.515%
18	14.298	1950	1957	1963	rBV	724193	1077744	12.45%	2.213%
19	14.457	1976	1984	1989	rBV	2126086	2680907	30.97%	5.504%
20	14.698	2018	2025	2030	rBV3	73046	151478	1.75%	0.311%
21	14.757	2030	2035	2038	rBV2	64090	96460	1.11%	0.198%
22	15.192	2105	2109	2114	rVB	201161	246630	2.85%	0.506%
23	15.351	2131	2136	2141	rBV	106164	145518	1.68%	0.299%
24	15.604	2172	2179	2183	rBV	70828	129075	1.49%	0.265%
25	15.792	2206	2211	2221	rVB	552294	865331	10.00%	1.776%
26	16.063	2253	2257	2260	rBV	206149	255745	2.95%	0.525%
27	16.251	2284	2289	2294	rBV	1113209	1289638	14.90%	2.648%
28	16.863	2388	2393	2398	rBV2	211253	296308	3.42%	0.608%
29	16.916	2398	2402	2411	rVB2	82749	127540	1.47%	0.262%
30	17.057	2420	2426	2430	rBV	833779	1201173	13.87%	2.466%
31	17.098	2430	2433	2439	rVV	728206	992649	11.47%	2.038%
32	17.186	2442	2448	2454	rVB	226972	341804	3.95%	0.702%
33	17.604	2514	2519	2522	rBV2	181030	219453	2.53%	0.451%
34	17.639	2522	2525	2531	rVB2	86356	103178	1.19%	0.212%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001582.D
Acq On : 09 Jan 2020 16:51
Operator : JU
Sample : L1016-01
Misc :
ALS Vial : 9 Sample Multiplier: 2

Instrument : BNA_P
ClientSampleId : SU-02-010720

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	17.775	2542	2548	2556	rVB	1905126	2233831	25.80%	4.586%
36	17.933	2571	2575	2579	rBV	106666	140312	1.62%	0.288%
37	17.992	2579	2585	2591	rVV2	243448	480957	5.56%	0.987%
38	18.057	2592	2596	2600	rVV3	69265	106386	1.23%	0.218%
39	18.122	2601	2607	2610	rVV2	193482	329870	3.81%	0.677%
40	18.157	2611	2613	2622	rVB	79950	102615	1.19%	0.211%
41	18.281	2630	2634	2638	rVB	138095	151086	1.75%	0.310%
42	18.422	2654	2658	2662	rBV2	80058	129740	1.50%	0.266%
43	18.828	2722	2727	2731	rBV	86024	123492	1.43%	0.254%
44	18.886	2731	2737	2739	rBV	5250296	5976966	69.04%	12.270%
45	18.922	2739	2743	2752	rVB	7141028	8657376	100.00%	17.773%
46	19.045	2759	2764	2767	rBV	712698	831095	9.60%	1.706%
47	19.086	2767	2771	2774	rVV	1200165	1599931	18.48%	3.285%
48	19.122	2774	2777	2785	rVB2	327773	447359	5.17%	0.918%
49	19.233	2793	2796	2804	rVV3	90893	136237	1.57%	0.280%
50	19.404	2820	2825	2826	rBV2	263268	354695	4.10%	0.728%
51	19.433	2826	2830	2838	rVB	951231	1399727	16.17%	2.874%
52	19.645	2861	2866	2870	rVB	875264	1003259	11.59%	2.060%
53	19.769	2880	2887	2890	rBV3	69150	161858	1.87%	0.332%
54	19.880	2902	2906	2908	rBV3	152002	201580	2.33%	0.414%
55	19.922	2910	2913	2919	rVB	184507	253423	2.93%	0.520%
56	19.975	2919	2922	2924	rBV2	100875	115145	1.33%	0.236%
57	20.075	2935	2939	2942	rBV2	98091	132209	1.53%	0.271%
58	20.110	2942	2945	2948	rVB	117668	117937	1.36%	0.242%
59	20.204	2958	2961	2965	rVB3	79404	105871	1.22%	0.217%
60	20.257	2966	2970	2979	rVV2	59973	108574	1.25%	0.223%
61	20.651	3034	3037	3042	rVB	57868	87582	1.01%	0.180%
62	20.904	3074	3080	3084	rBV5	142228	269224	3.11%	0.553%
63	21.157	3117	3123	3127	rBV2	990856	1859908	21.48%	3.818%
64	21.198	3127	3130	3139	rVB	477186	599772	6.93%	1.231%
65	21.310	3146	3149	3152	rBV	97008	113362	1.31%	0.233%
66	21.345	3152	3155	3160	rVB2	75683	92791	1.07%	0.190%
67	21.780	3223	3229	3236	rBV4	116963	257944	2.98%	0.530%
68	22.257	3307	3310	3316	rVB	115172	147382	1.70%	0.303%
69	22.739	3386	3392	3396	rBV	347951	799109	9.23%	1.641%
70	23.221	3469	3474	3481	rVB	185183	377497	4.36%	0.775%
71	23.321	3485	3491	3496	rBV	296285	605106	6.99%	1.242%

LSC Area Percent Report

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Data File : BP001582.D
Acq On : 09 Jan 2020 16:51
Operator : JU
Sample : L1016-01
Misc :
ALS Vial : 9 Sample Multiplier: 2

Instrument : BNA_P
ClientSampleId : SU-02-010720

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

72	23.421	3502	3508	3514	rBV	407984	817139	9.44%	1.678%

Sum of corrected areas: 48710064

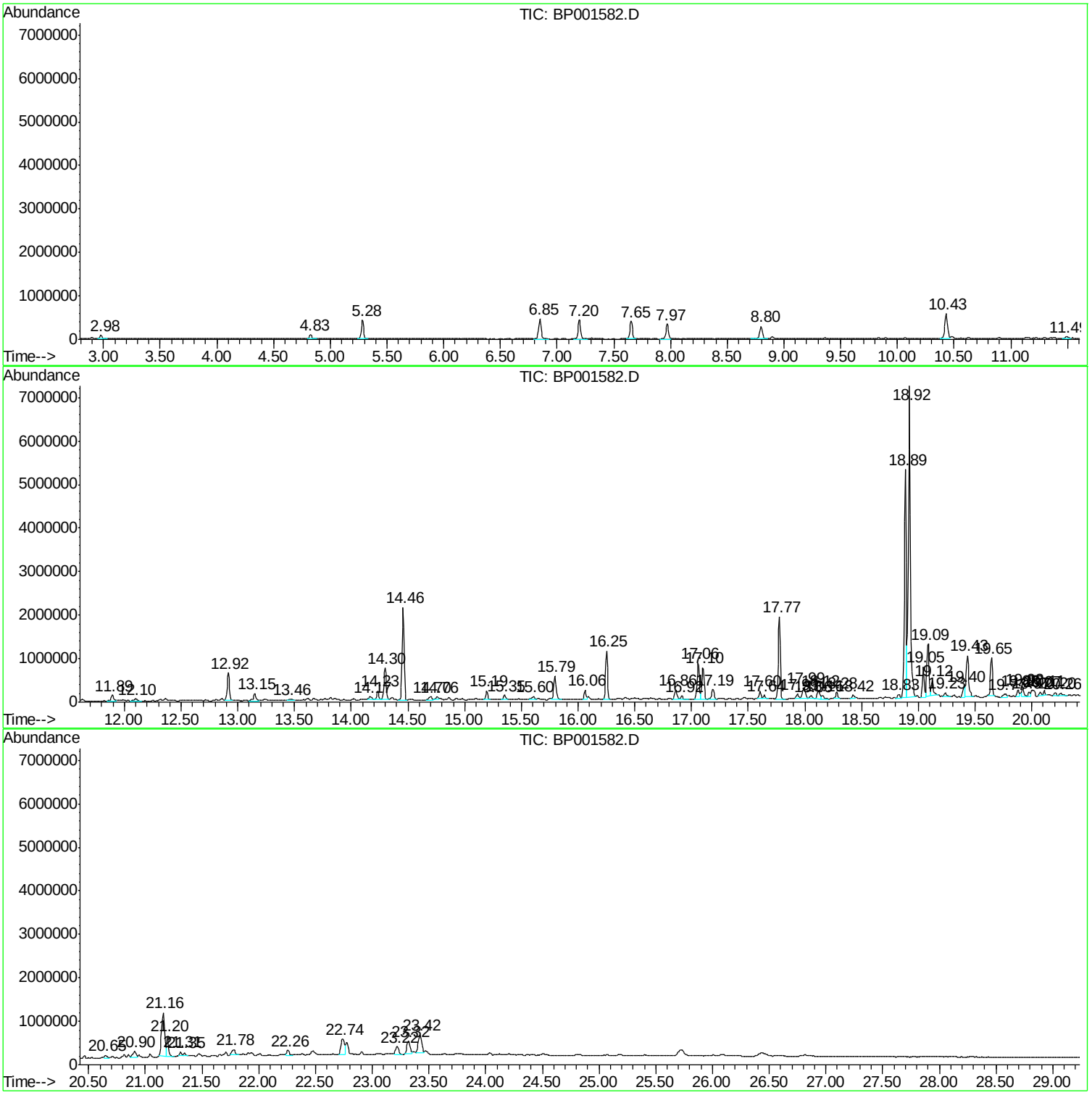
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001582.D
Acq On : 09 Jan 2020 16:51
Operator : JU
Sample : L1016-01
Misc :
ALS Vial : 9 Sample Multiplier: 2

Instrument :
BNA_P
ClientSampleId :
SU-02-010720

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\BP010920\
Data File : BP001582.D
Acq On : 09 Jan 2020 16:51
Operator : JU
Sample : L1016-01
Misc :
ALS Vial : 9 Sample Multiplier: 2

Instrument : BNA_P
ClientSampleId : SU-02-010720

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

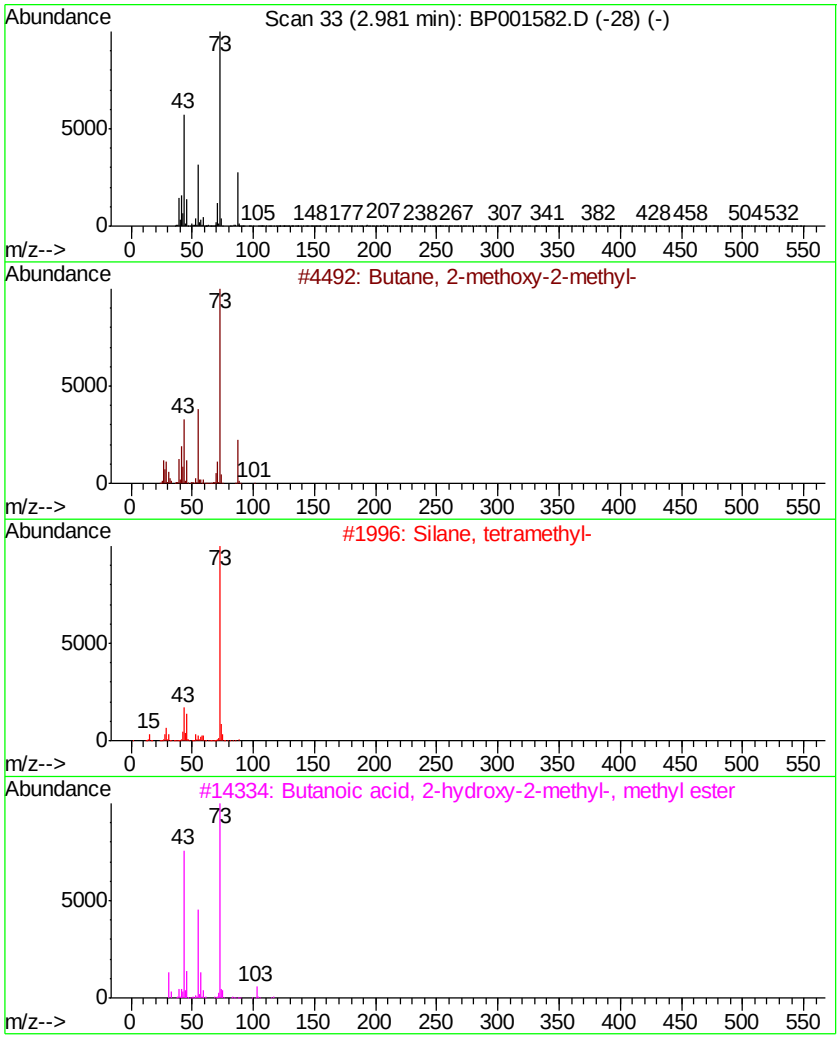
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

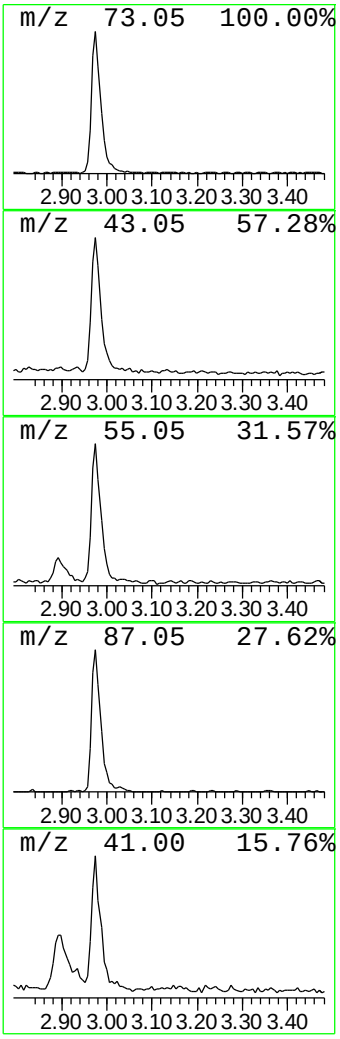
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	6.88 ng	106891	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	53
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
3	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	25
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001582.D
Acq On : 09 Jan 2020 16:51
Operator : JU
Sample : L1016-01
Misc :
ALS Vial : 9 Sample Multiplier: 2

Instrument : BNA_P
ClientSampleId : SU-02-010720

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

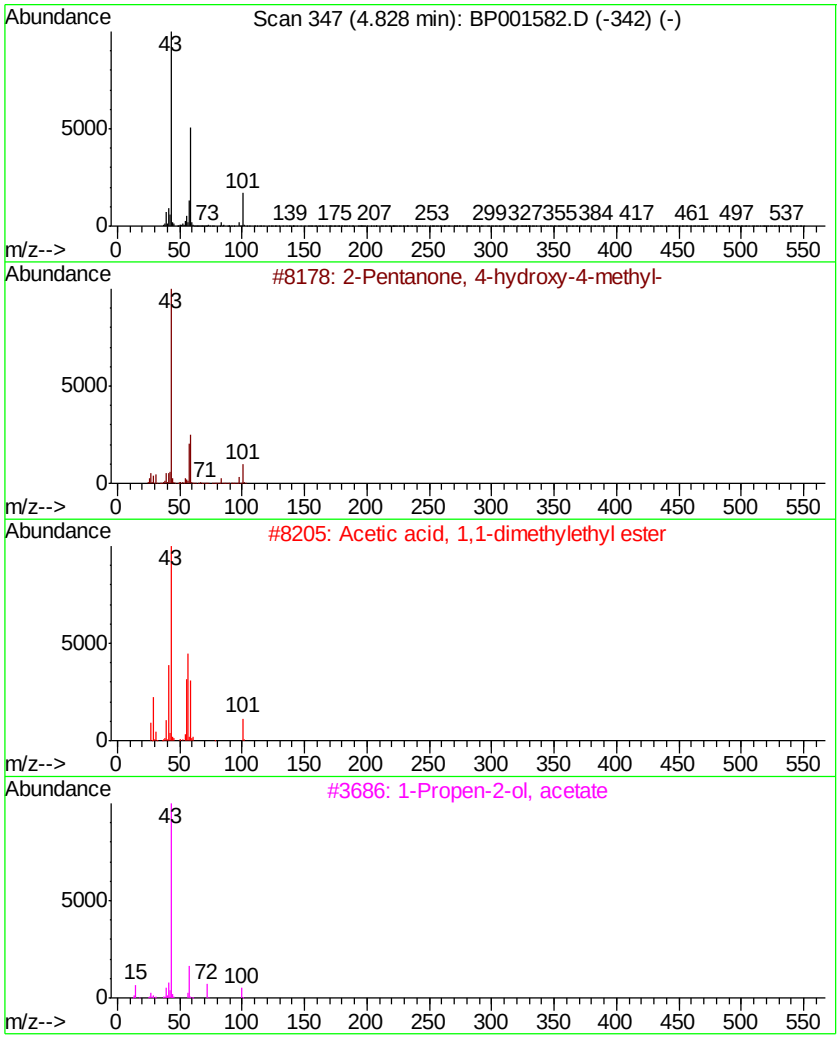
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

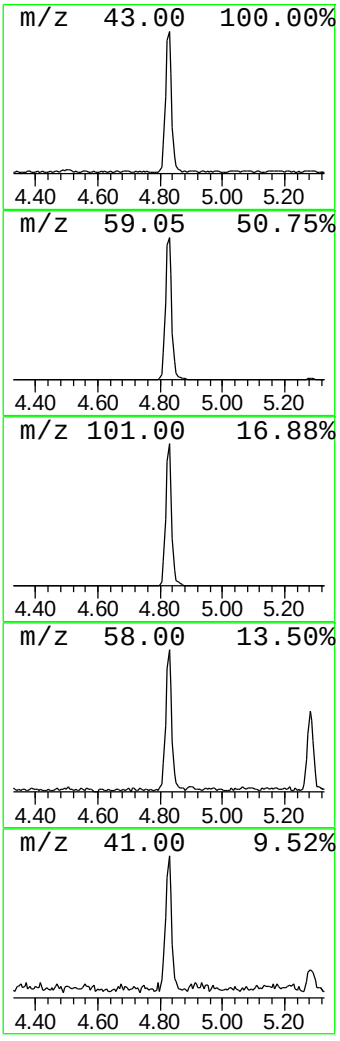
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	8.71 ng	135422	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Allyl acetate	100	C5H8O2	000591-87-7	10
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001582.D
Acq On : 09 Jan 2020 16:51
Operator : JU
Sample : L1016-01
Misc :
ALS Vial : 9 Sample Multiplier: 2

Instrument : BNA_P
ClientSampleId : SU-02-010720

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

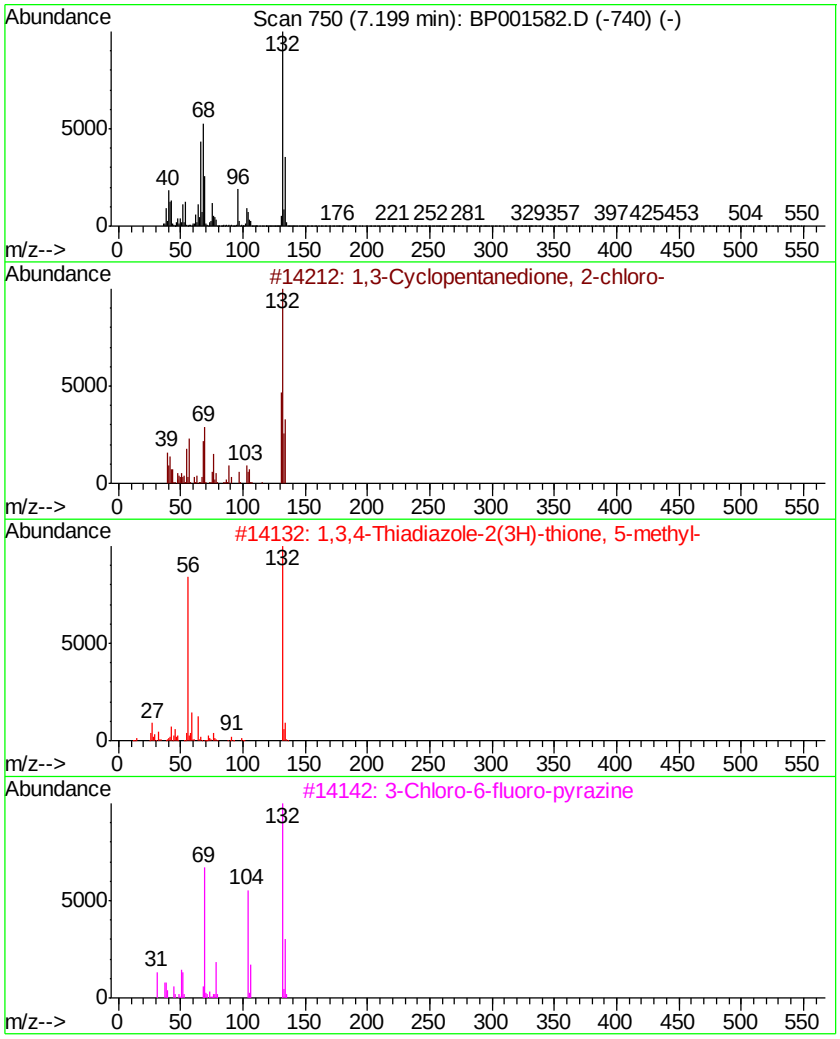
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

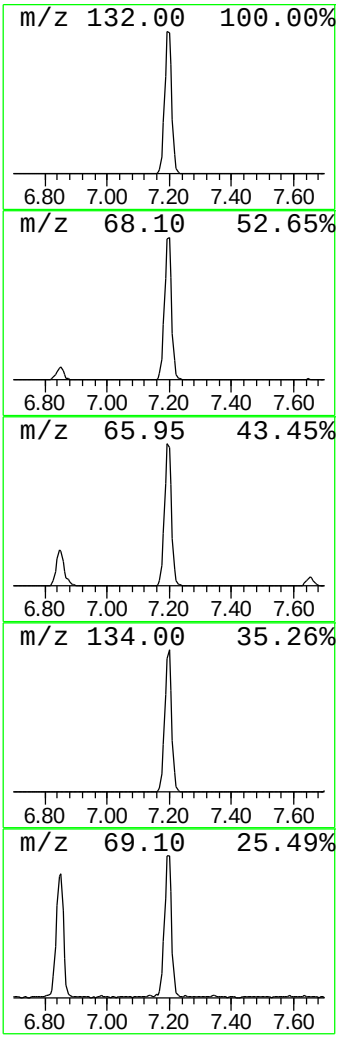
****

Peak Number 3 unknown7.20 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	45.68 ng	709990	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	16
2	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	14
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001582.D
Acq On : 09 Jan 2020 16:51
Operator : JU
Sample : L1016-01
Misc :
ALS Vial : 9 Sample Multiplier: 2

Instrument : BNA_P
ClientSampleId : SU-02-010720

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

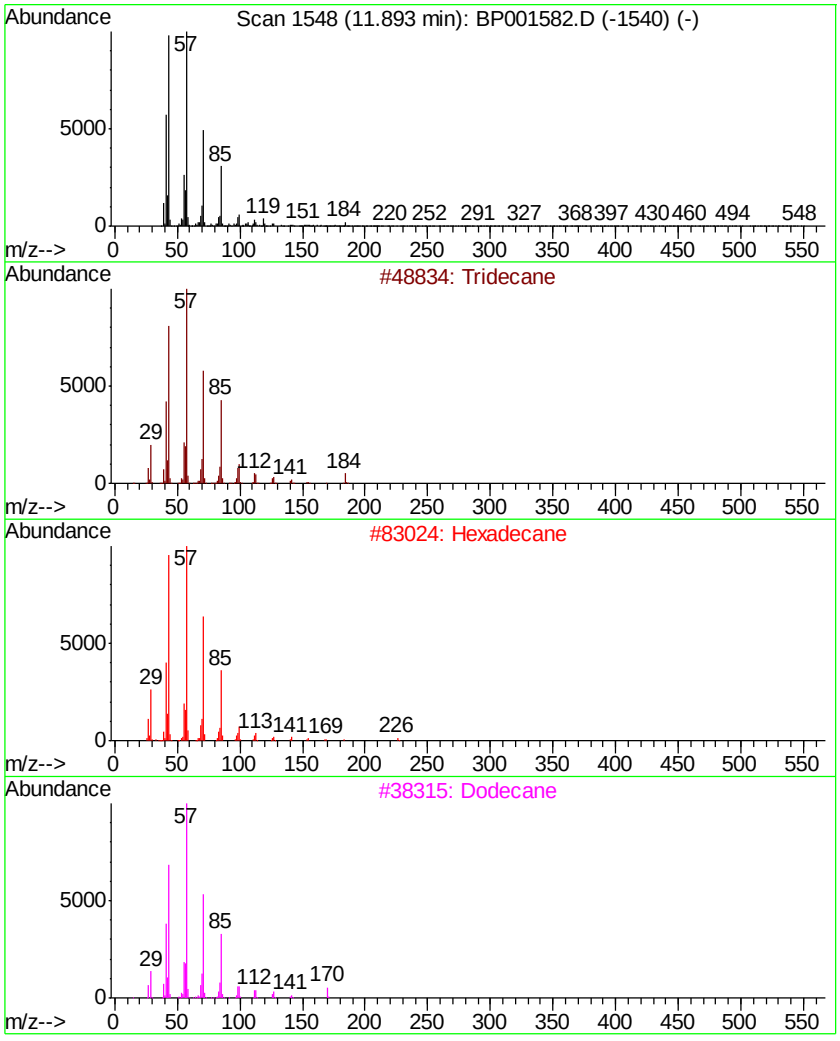
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

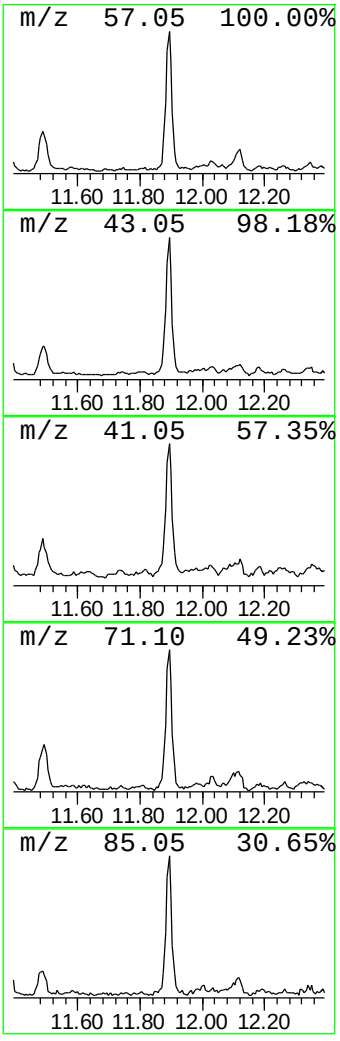
****

Peak Number 5 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	8.41 ng	207416	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	97
2	Hexadecane	226	C16H34	000544-76-3	86
3	Dodecane	170	C12H26	000112-40-3	86
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	78
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001582.D
Acq On : 09 Jan 2020 16:51
Operator : JU
Sample : L1016-01
Misc :
ALS Vial : 9 Sample Multiplier: 2

Instrument : BNA_P
ClientSampleId : SU-02-010720

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

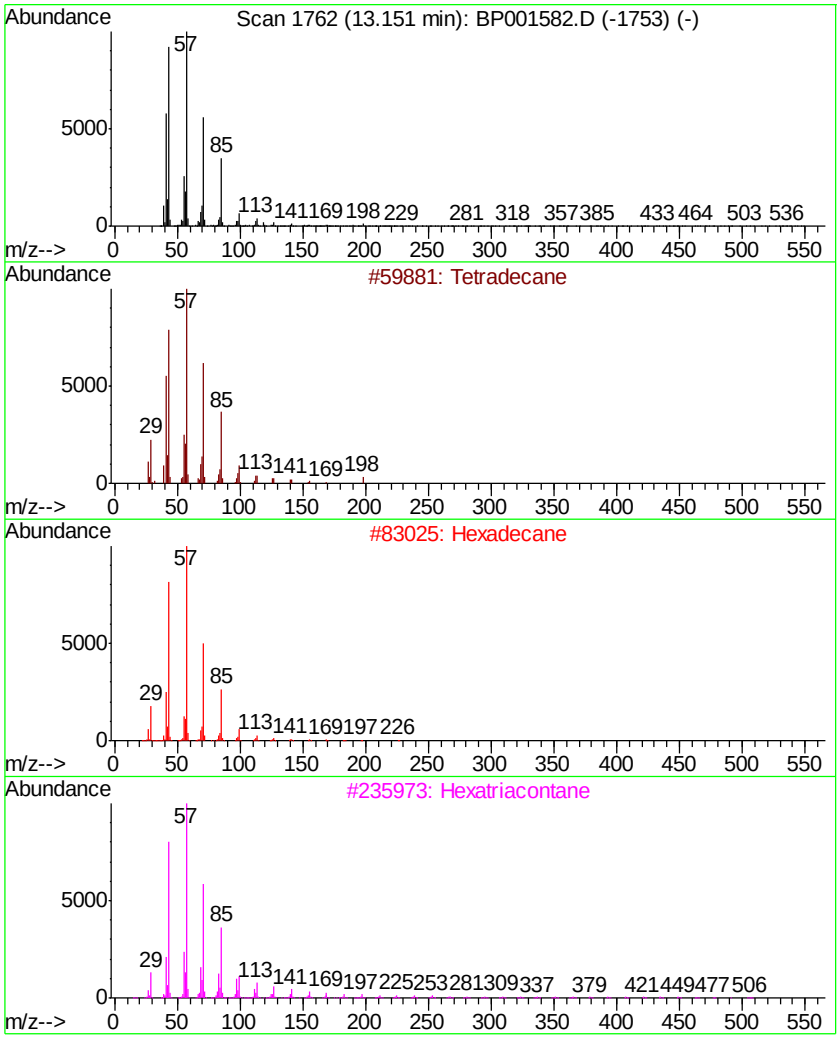
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

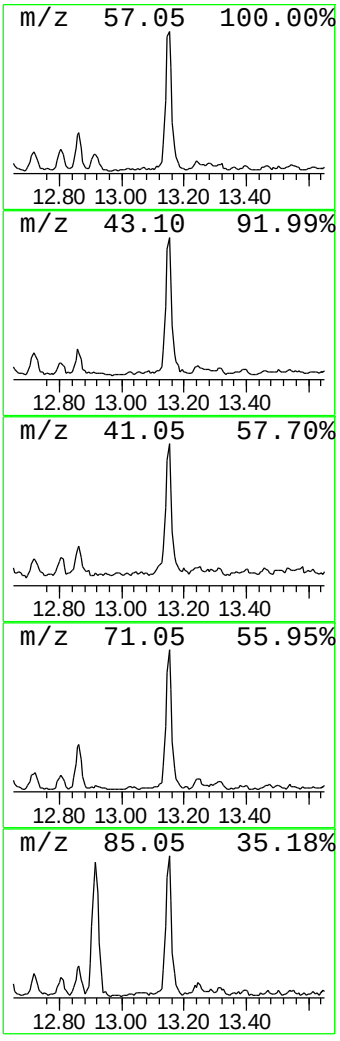
****

Peak Number 6 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	10.35 ng	278879	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Hexadecane	226	C16H34	000544-76-3	90
3	Hexatriacontane	507	C36H74	000630-06-8	90
4	Heptadecane	240	C17H36	000629-78-7	81
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001582.D
Acq On : 09 Jan 2020 16:51
Operator : JU
Sample : L1016-01
Misc :
ALS Vial : 9 Sample Multiplier: 2

Instrument : BNA_P
ClientSampleId : SU-02-010720

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

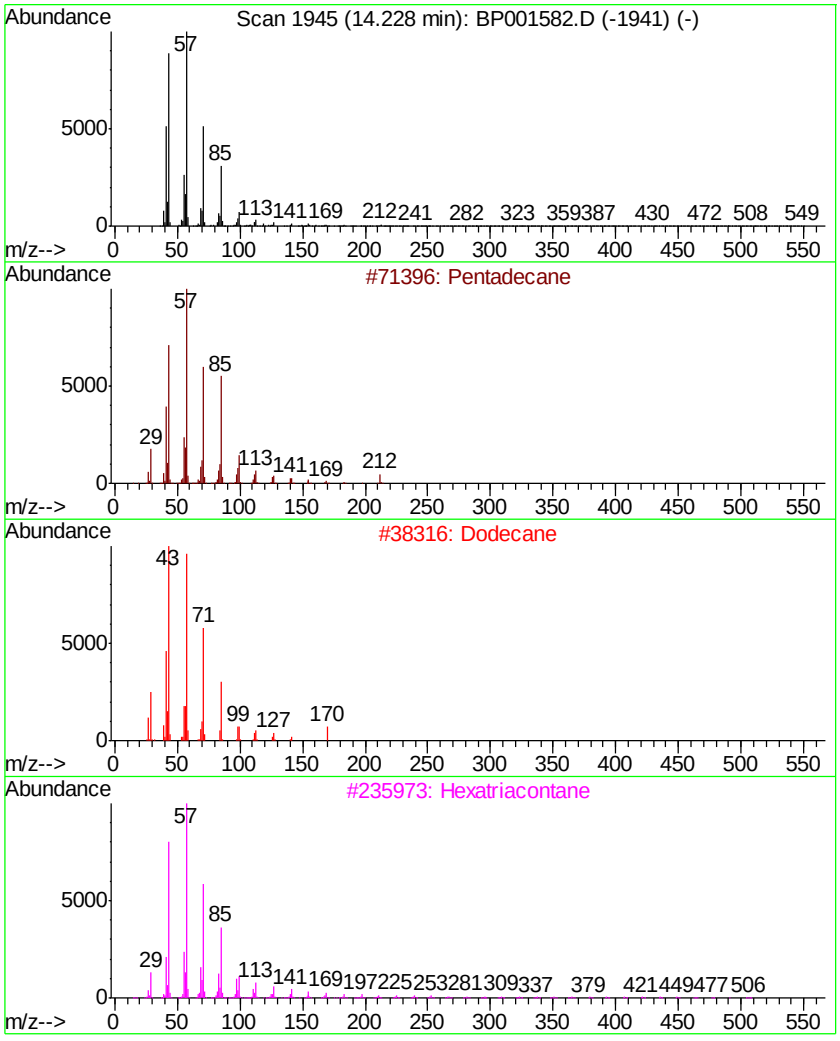
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

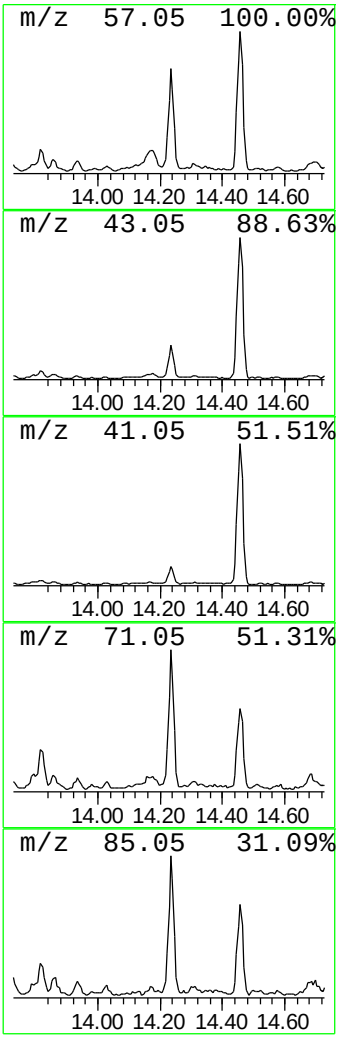
****

Peak Number 7 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	9.30 ng	250621	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Dodecane	170	C12H26	000112-40-3	91
3	Hexatriacontane	507	C36H74	000630-06-8	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Heneicosane	296	C21H44	000629-94-7	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001582.D
Acq On : 09 Jan 2020 16:51
Operator : JU
Sample : L1016-01
Misc :
ALS Vial : 9 Sample Multiplier: 2

Instrument : BNA_P
ClientSampleId : SU-02-010720

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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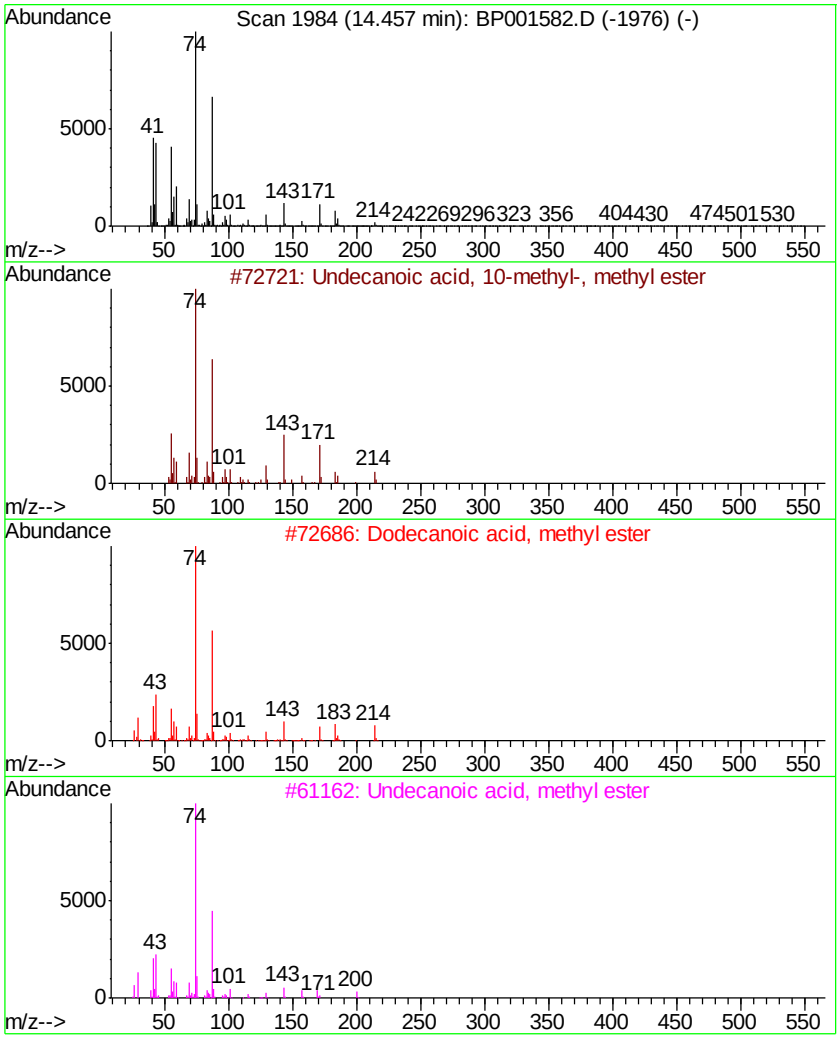
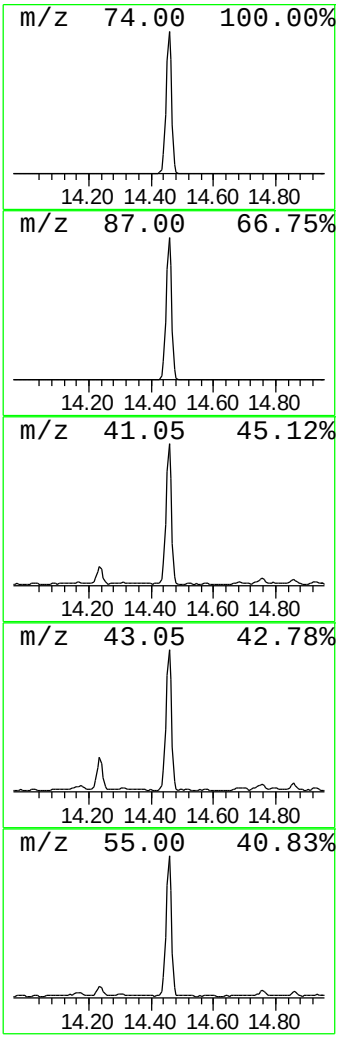
Peak Number 8 Undecanoic acid, 10-methyl-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	99.50 ng	2680910	Acenaphthene-d10	14.30

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	Undecanoic acid, methyl ester	200	C12H24O2	001731-86-8	76
4	Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	74
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	72





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Acq On : 09 Jan 2020 16:51
Operator : JU
Sample : L1016-01
Misc :
ALS Vial : 9 Sample Multiplier: 2

Instrument : BNA_P
ClientSampleId : SU-02-010720

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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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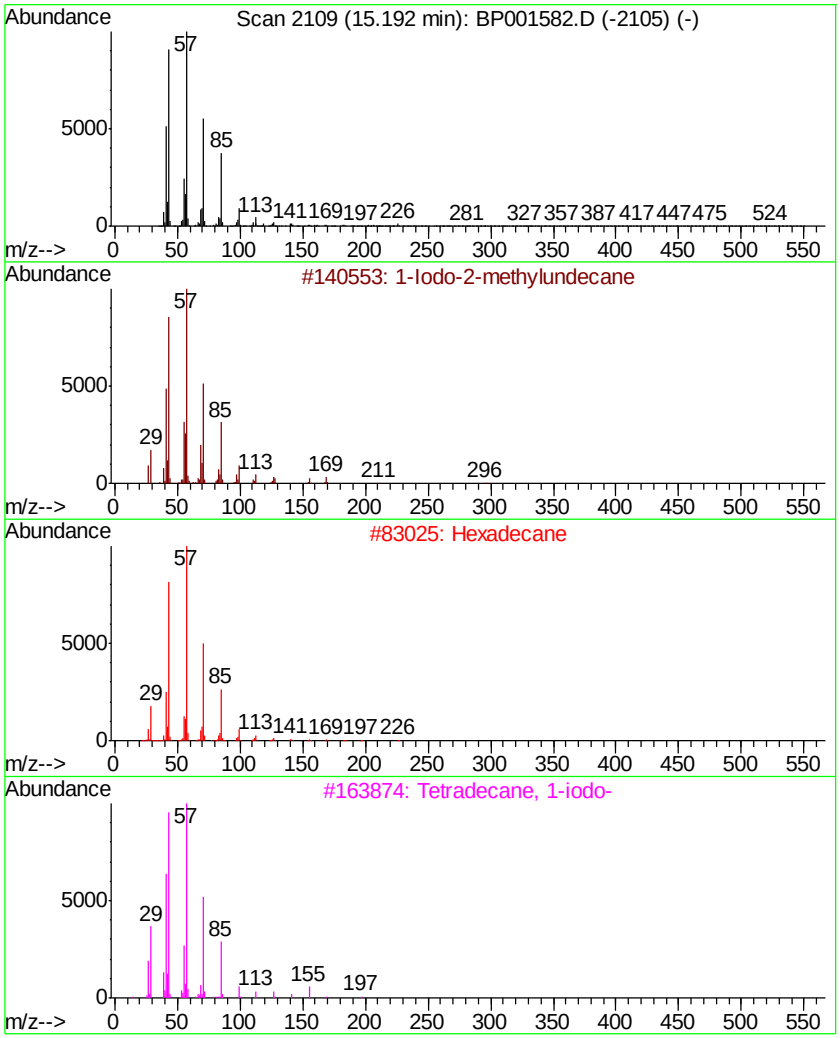
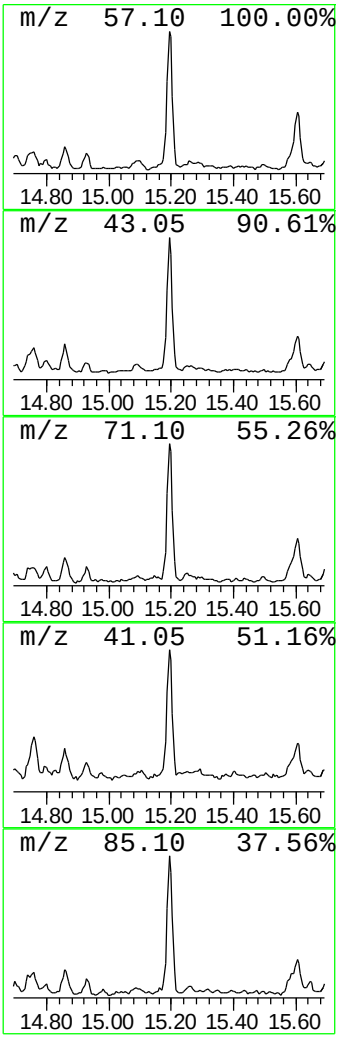
Peak Number 9 1-Iodo-2-methylundecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	9.15 ng	246630	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	80
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78





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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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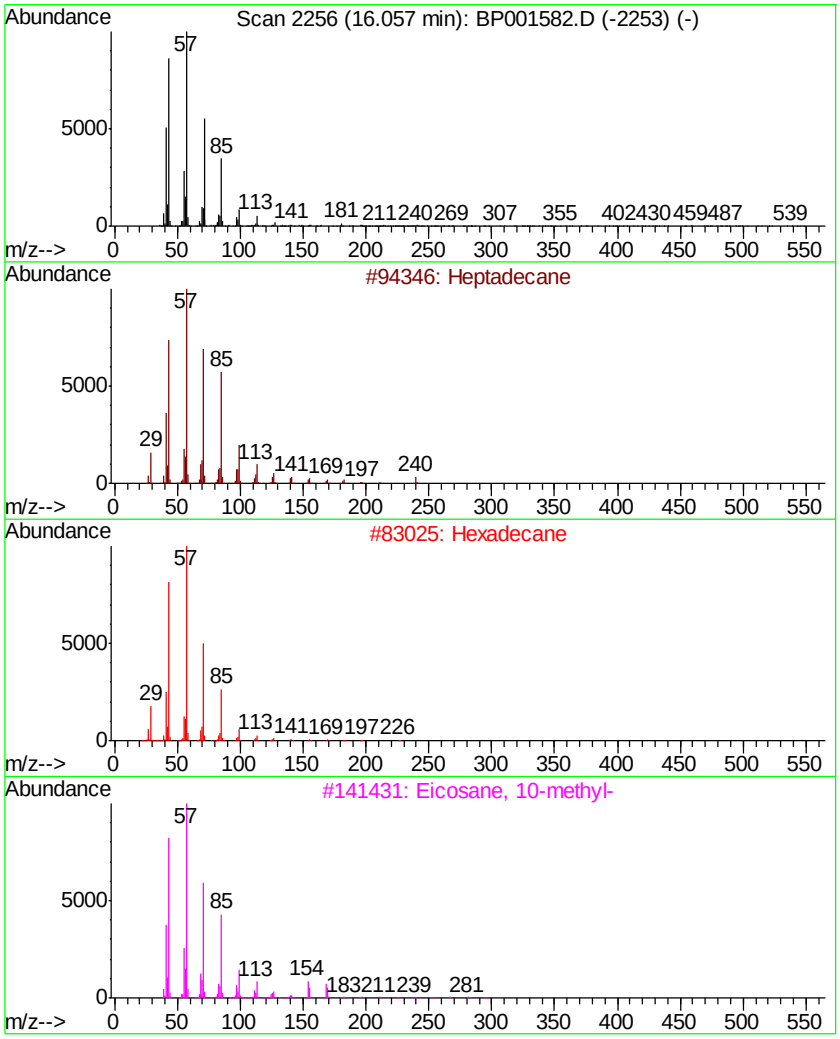
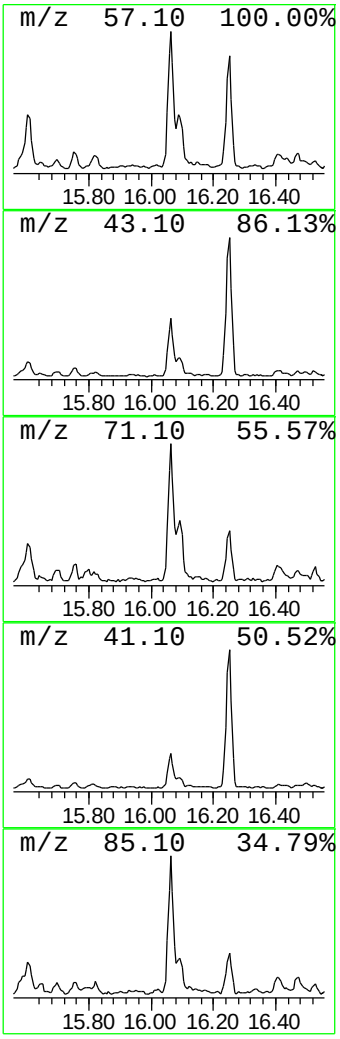
Peak Number 10 Heptadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	8.52 ng	255745	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Hexadecane	226	C16H34	000544-76-3	91
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
4	Heptacosane	380	C27H56	000593-49-7	86
5	Heneicosane	296	C21H44	000629-94-7	86





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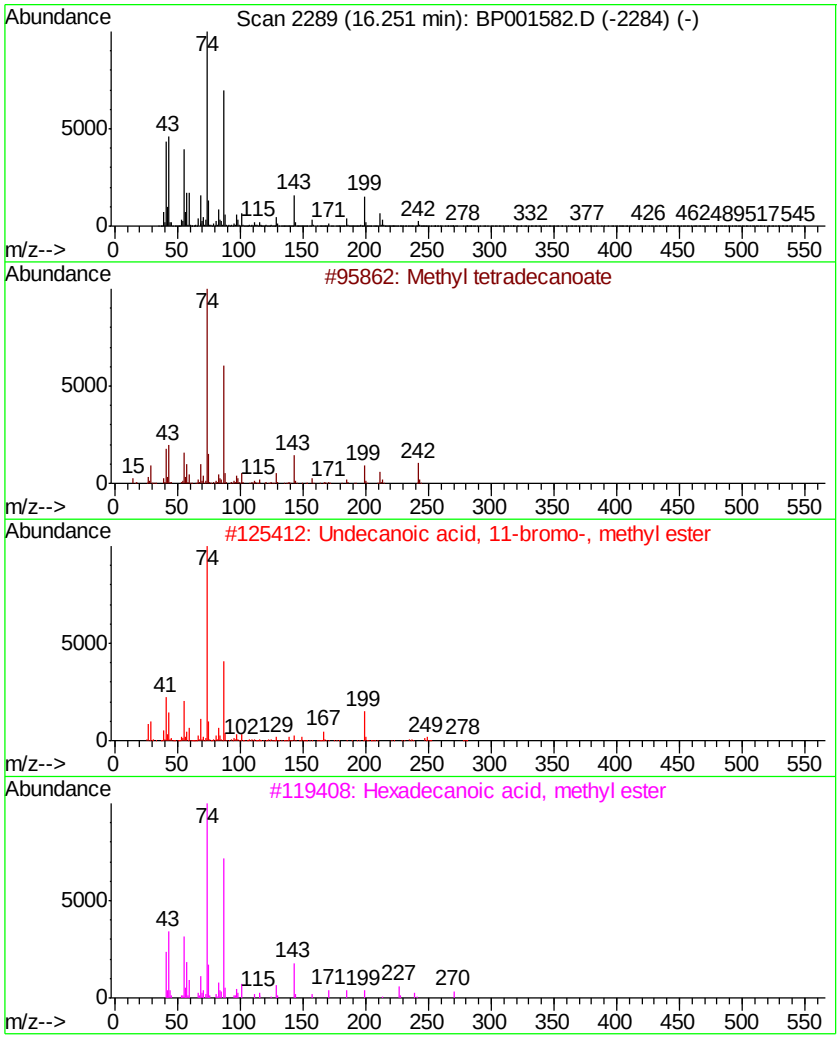
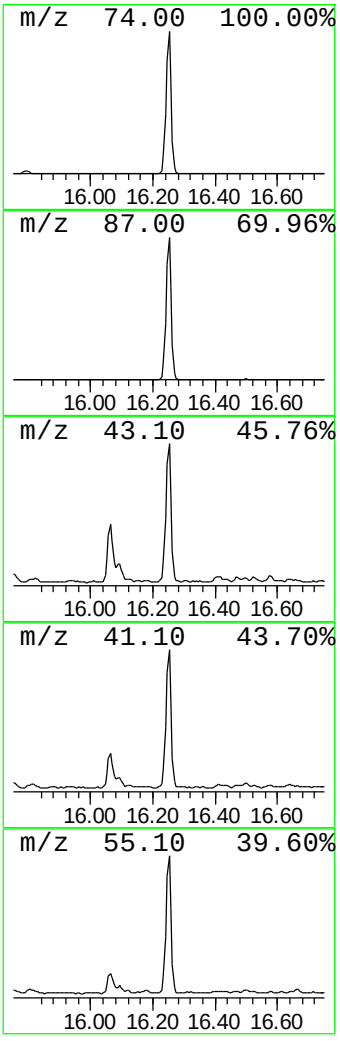
Peak Number 11 Methyl tetradecanoate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	42.95 ng	1289640	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
2	Undecanoic acid, 11-bromo-, meth...	278	C12H23BrO2	006287-90-7	87
3	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	86
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	83
5	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	80





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ClientSampleId : SU-02-010720

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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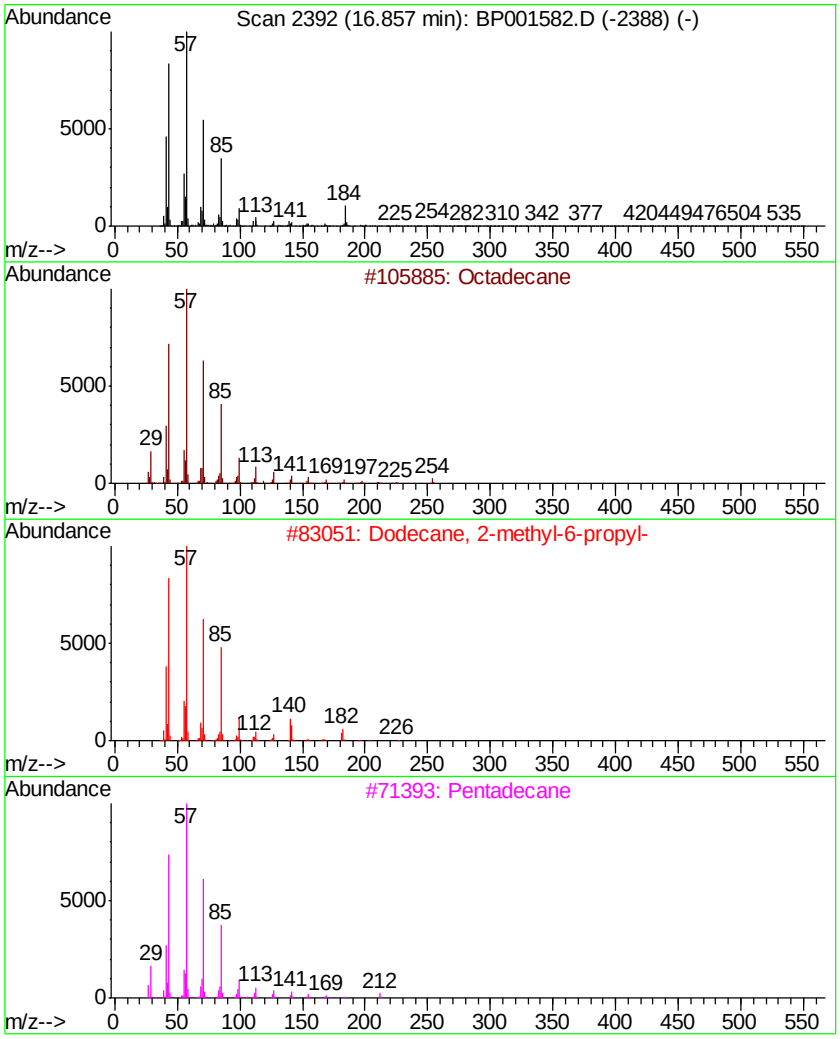
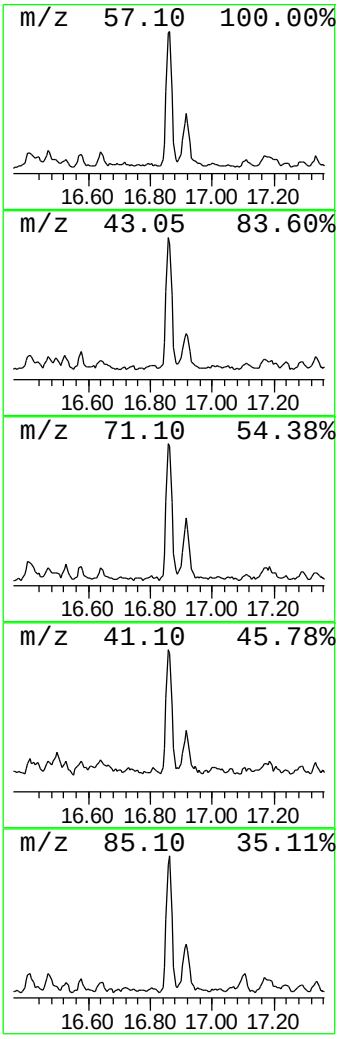
Peak Number 12 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	9.87 ng	296308	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3	Pentadecane	212	C15H32	000629-62-9	62
4	Hexadecane	226	C16H34	000544-76-3	62
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	62





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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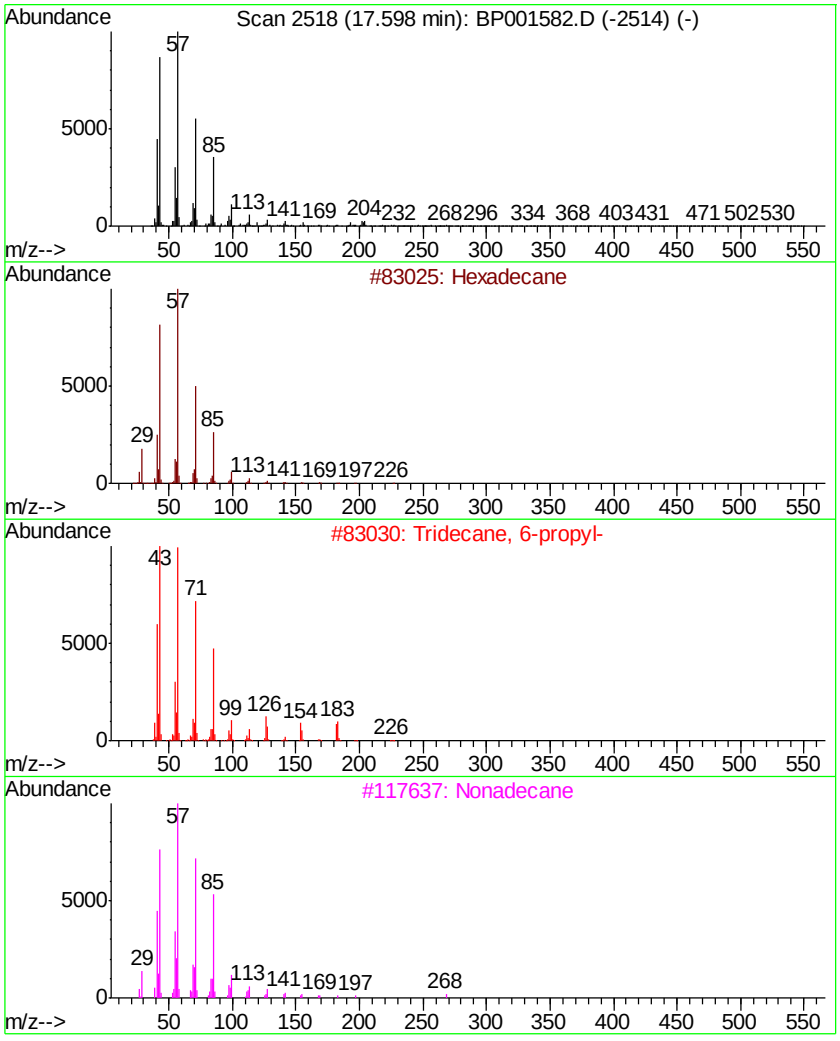
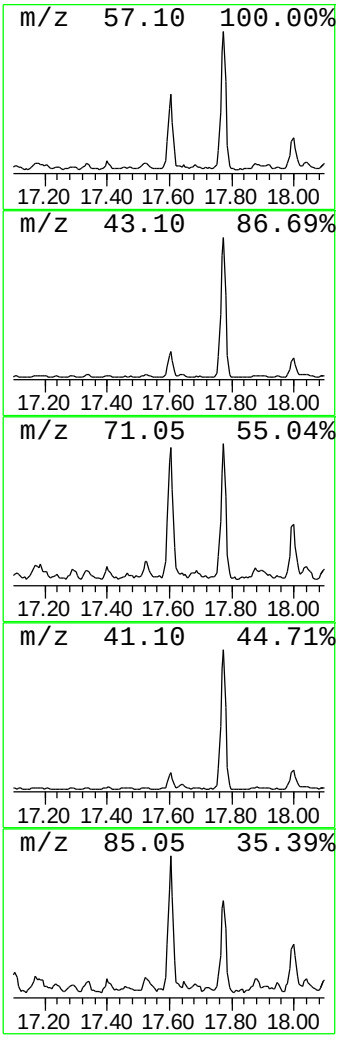
Peak Number 13 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.60	7.31 ng	219453	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	94
3	Nonadecane	268	C19H40	000629-92-5	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90





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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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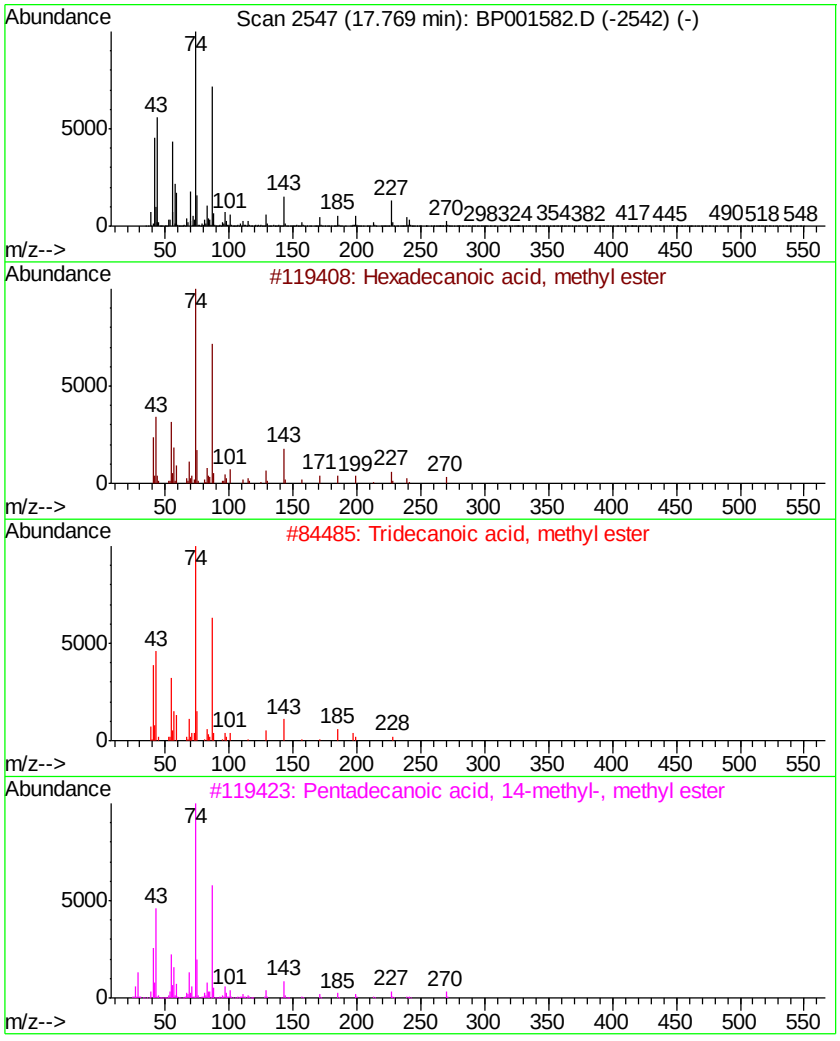
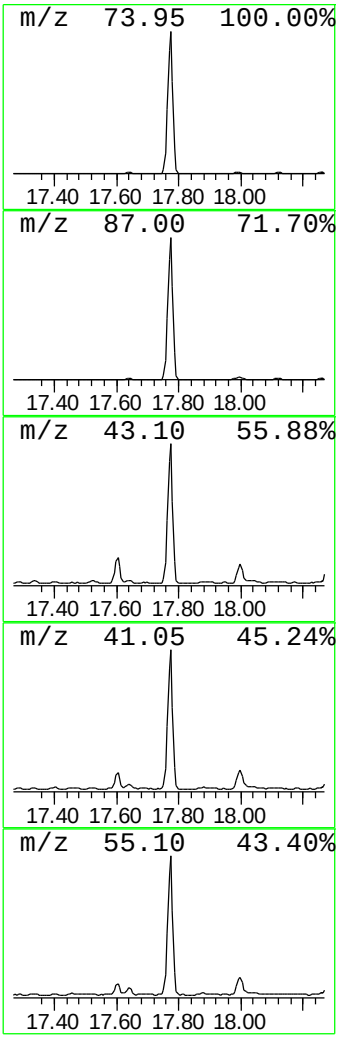
Peak Number 14 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	74.39 ng	2233830	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
4	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	87
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	83





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Sample : L1016-01
Misc :
ALS Vial : 9 Sample Multiplier: 2

Instrument : BNA_P
ClientSampleId : SU-02-010720

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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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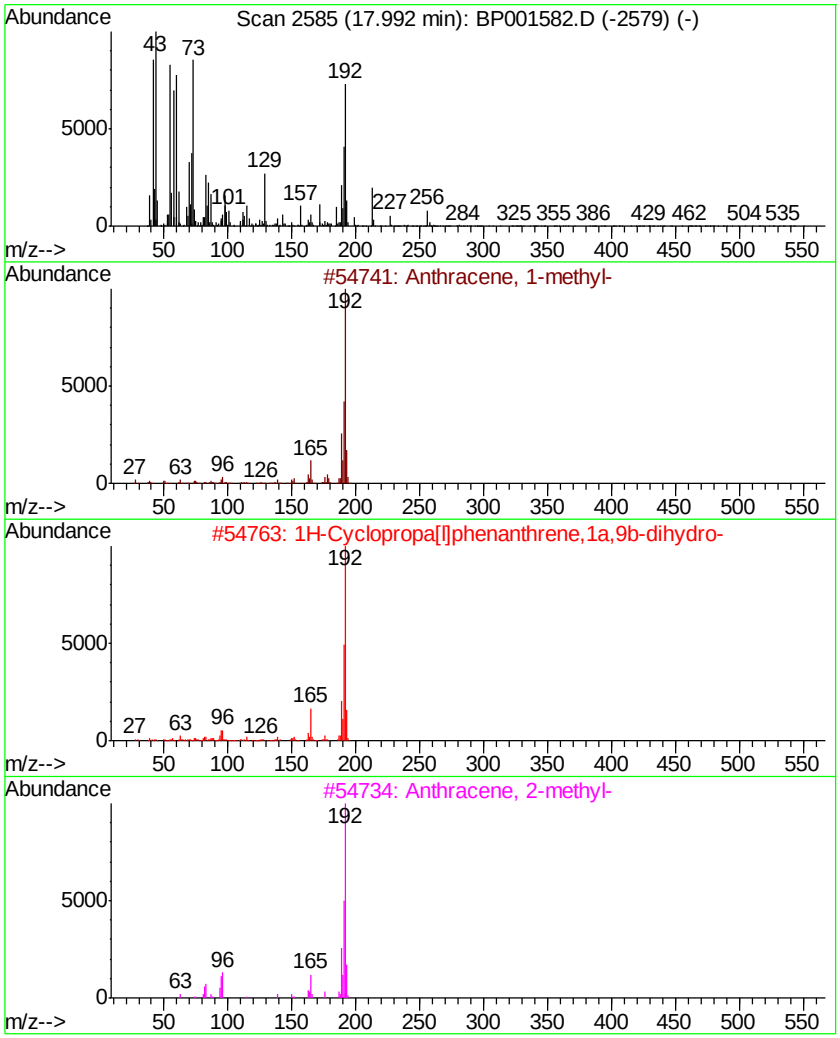
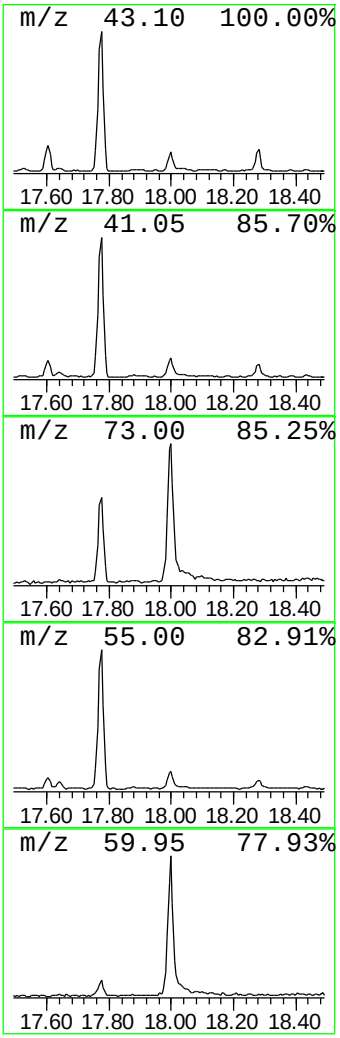
Peak Number 15 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	16.02 ng	480957	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	55
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	55
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	55
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	50
5	Tridecanoic acid	214	C13H26O2	000638-53-9	46





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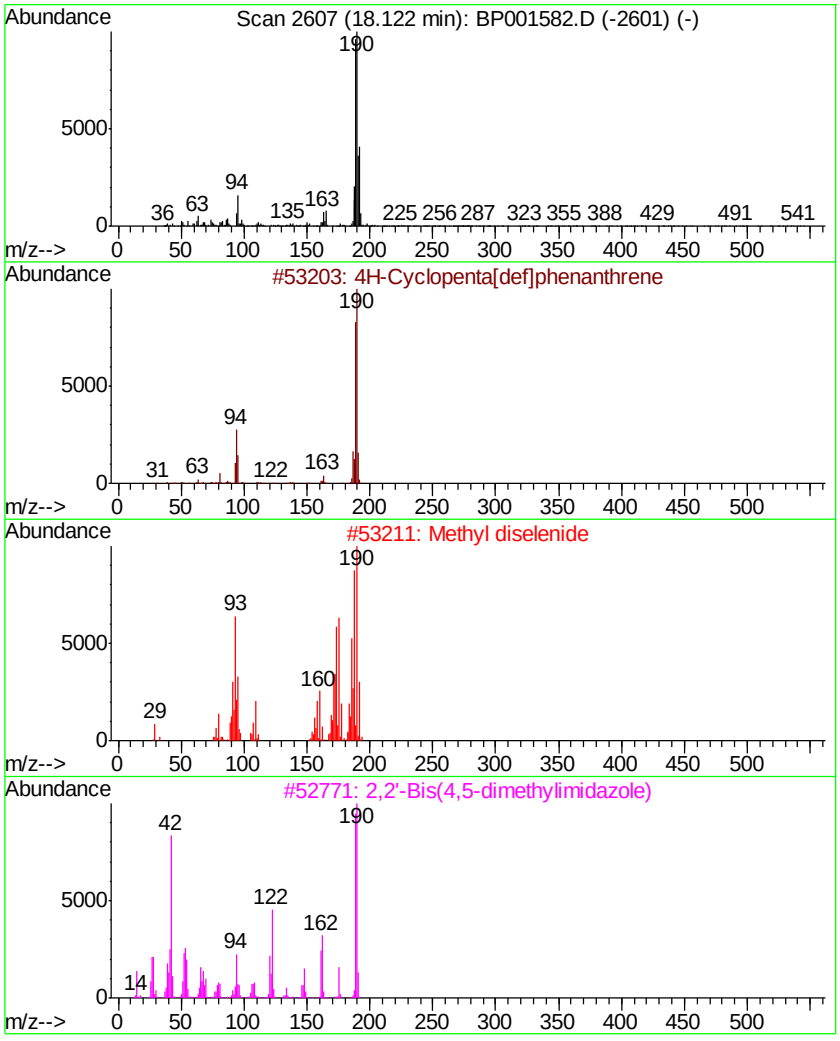
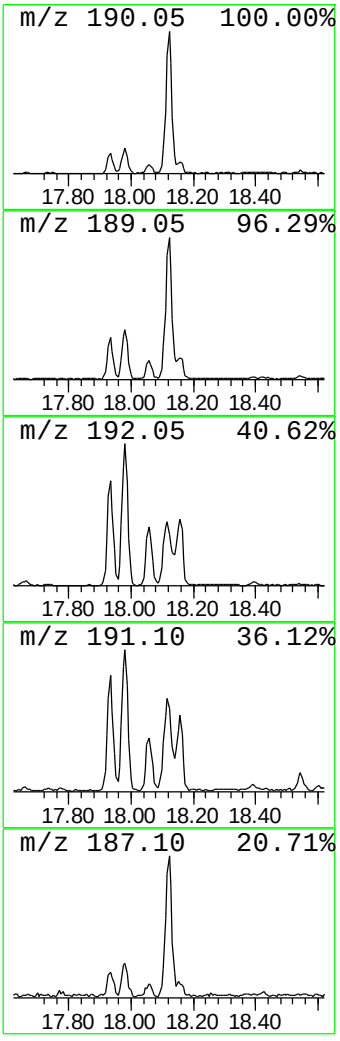
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	10.98 ng	329870	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	Methyl diselenide	190	C2H6Se2	007101-31-7	43
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5	1-Aminocyclopentanecarboxylic ac...	431	C23H42ClNO4	1000329-17-4	23





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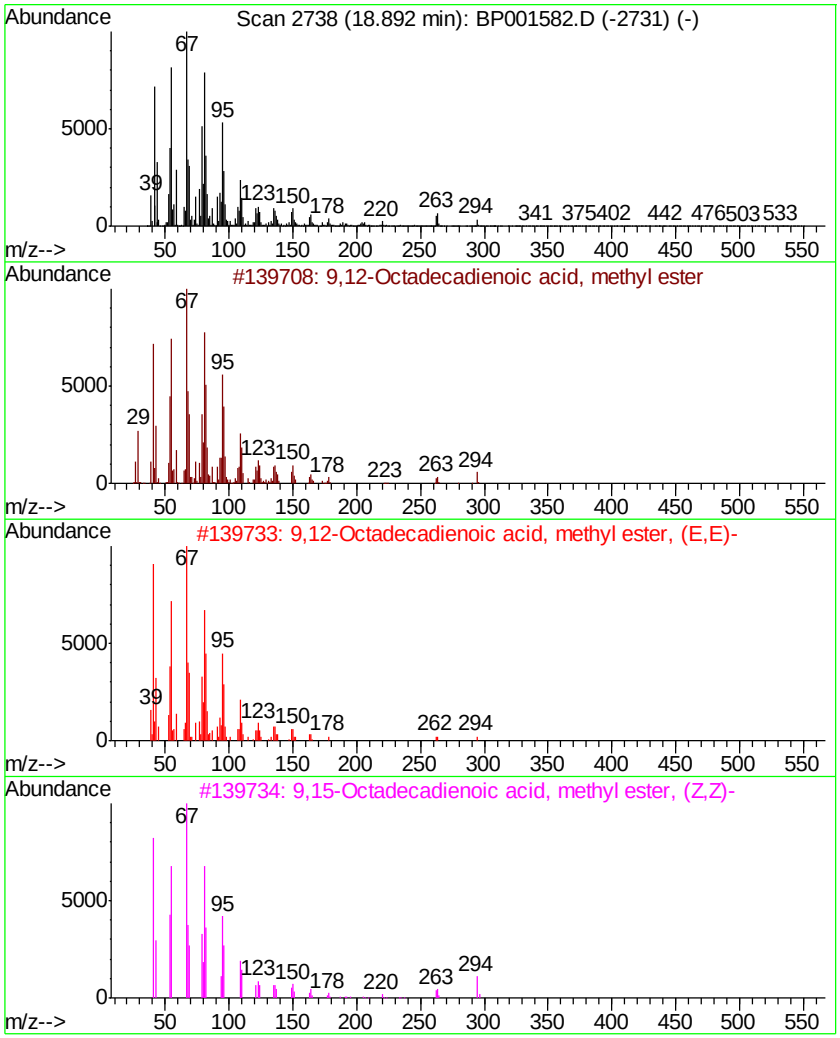
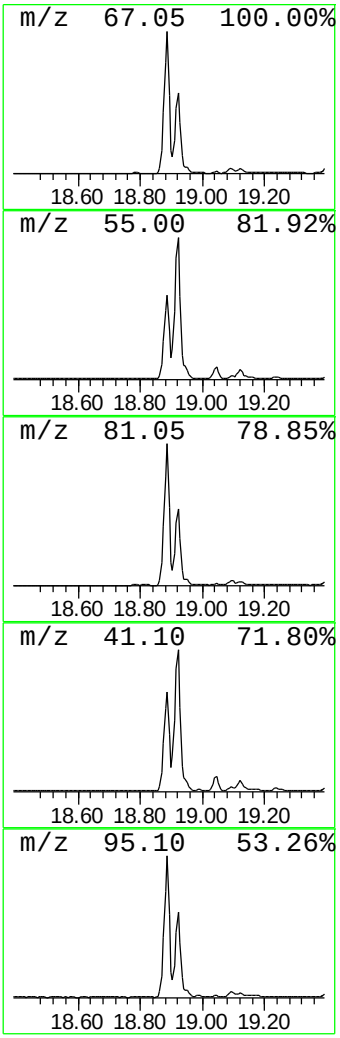
Peak Number 17 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	199.04 ng	5976970	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	98
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	96
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	95
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	94





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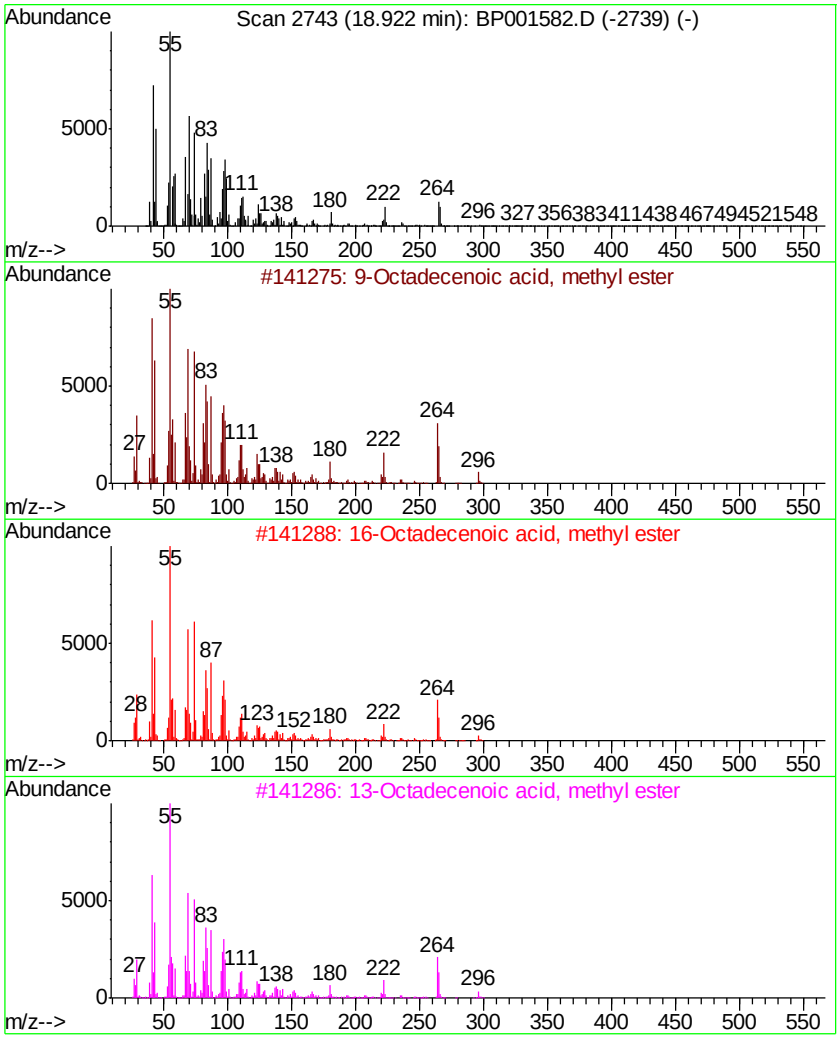
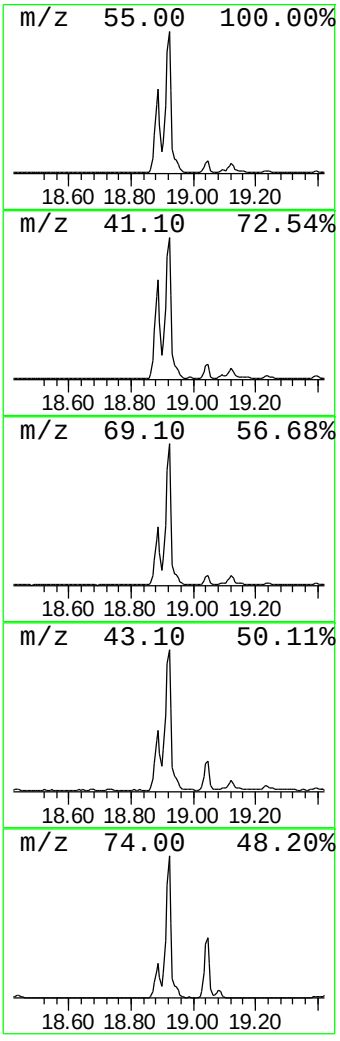
Peak Number 18 9-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	288.30 ng	8657380	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	96
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	95
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	95
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	94
5	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	94





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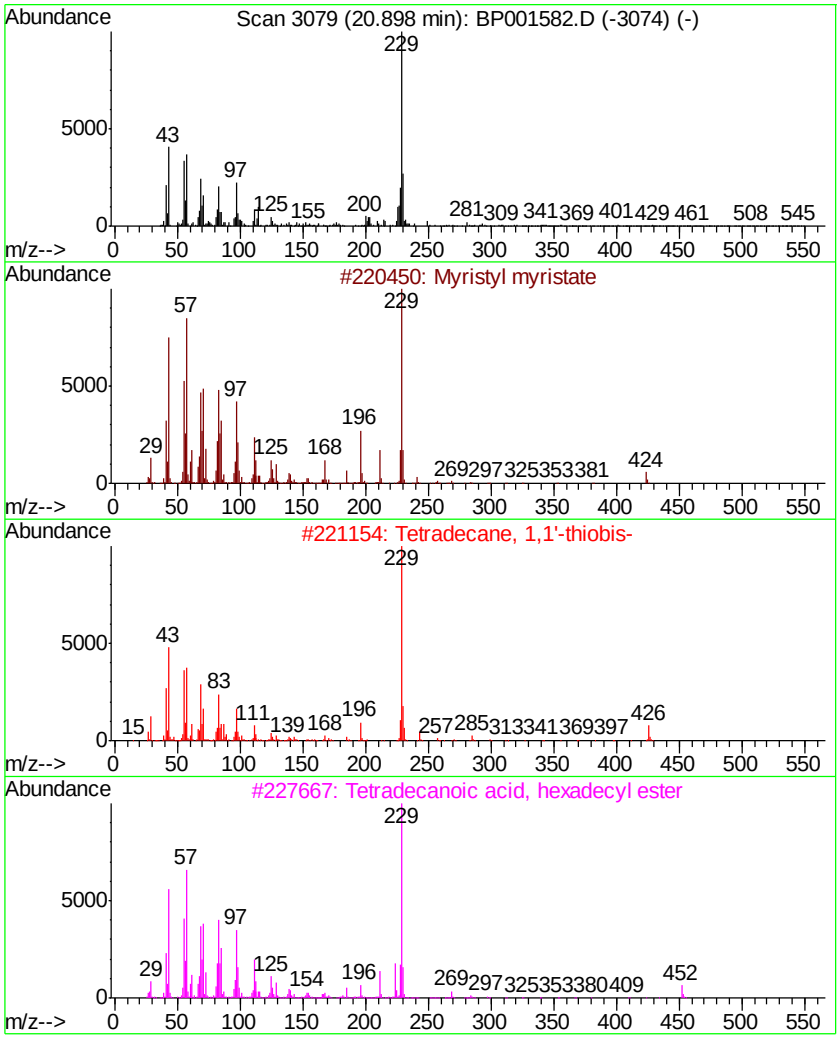
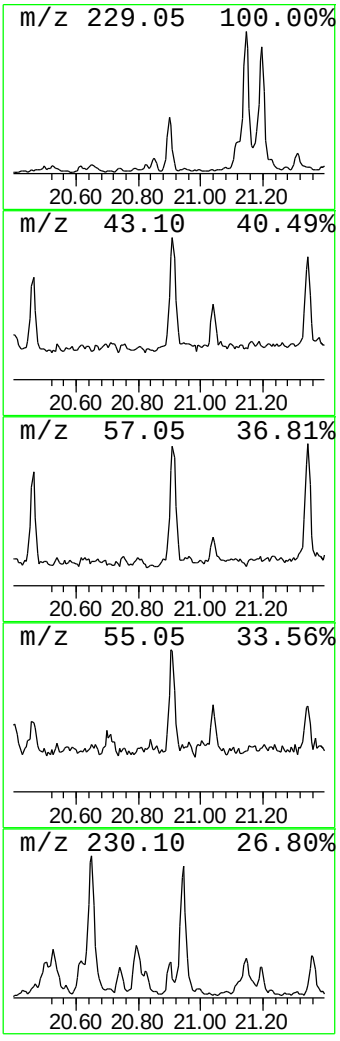
Peak Number 19 Myristyl myristate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	5.79 ng	269224	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristyl myristate	424	C28H56O2	003234-85-3	72
2	Tetradecane, 1,1'-thiobis-	426	C28H58S	035599-83-8	56
3	Tetradecanoic acid, hexadecyl ester	452	C30H60O2	002599-01-1	37
4	2-(3-Fluorophenyl)-1,3-benzothia...	229	C13H8FNS	1000298-18-6	30
5	Piperazin-2-one, 3-[2-(4-methylp...	230	C13H14N2O2	063656-21-3	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001582.D
Acq On : 09 Jan 2020 16:51
Operator : JU
Sample : L1016-01
Misc :
ALS Vial : 9 Sample Multiplier: 2

Instrument : BNA_P
ClientSampleId : SU-02-010720

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

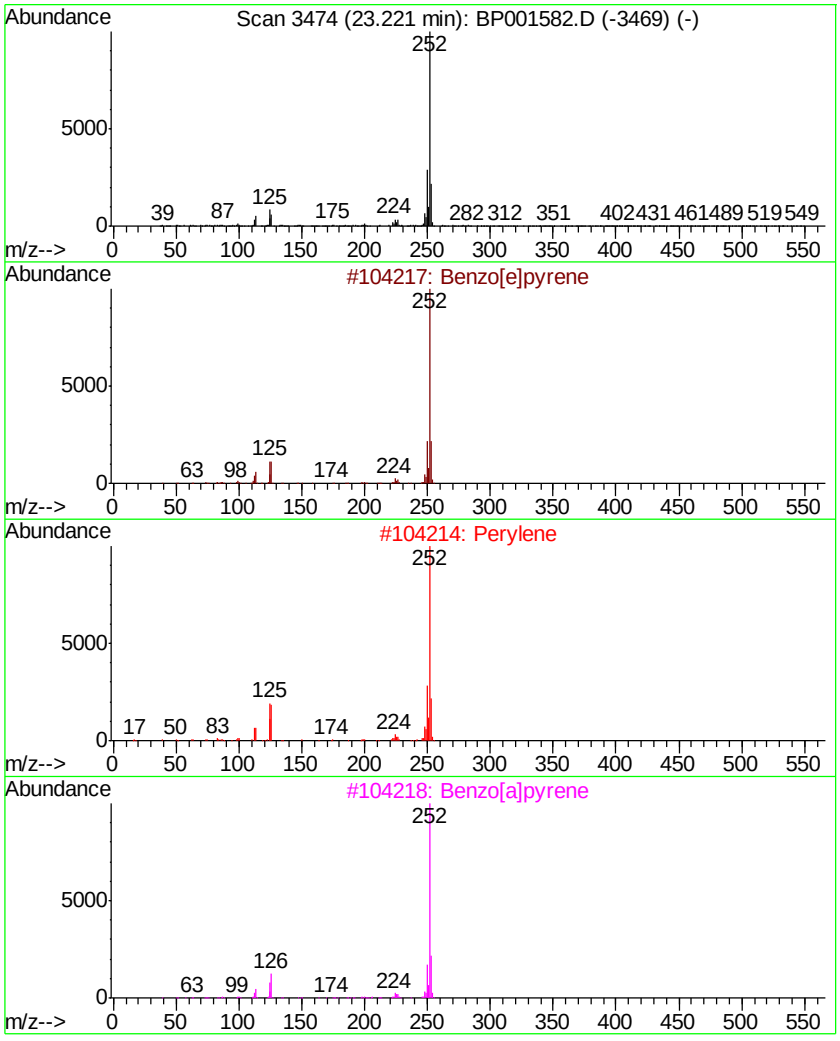
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

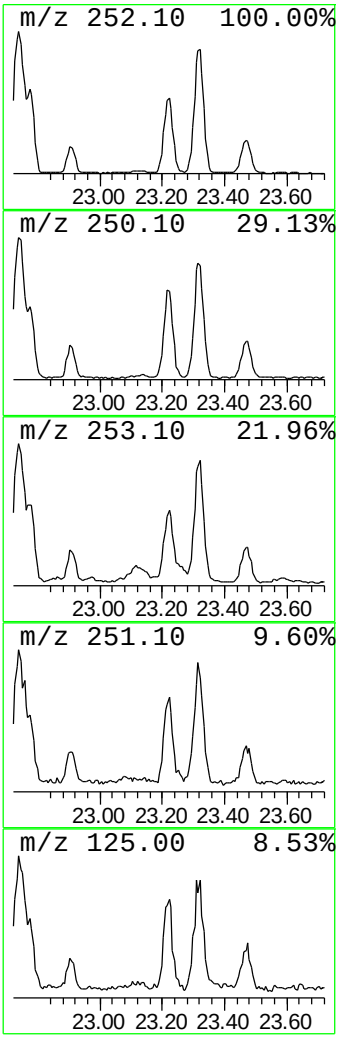
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.22	18.48 ng	377497	Perylene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Perylene	252	C20H12	000198-55-0	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP010920\
Data File : BP001582.D
Acq On : 09 Jan 2020 16:51
Operator : JU
Sample : L1016-01
Misc :
ALS Vial : 9 Sample Multiplier: 2

Instrument : BNA_P
ClientSampleId : SU-02-010720

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...	2.98	6.9	ng	106891	1	7.65	621681	20.0
2-Pentanone, 4-hy...	4.83	8.7	ng	135422	1	7.65	621681	20.0
unknown7.20	7.20	45.7	ng	709990	1	7.65	621681	20.0
Tridecane	11.89	8.4	ng	207416	2	10.43	986111	20.0
Tetradecane	13.15	10.4	ng	278879	3	14.30	1077740	20.0
Pentadecane	14.23	9.3	ng	250621	3	14.30	1077740	20.0
Undecanoic acid, ...	14.46	99.5	ng	2680910	3	14.30	1077740	20.0
1-Iodo-2-methylun...	15.19	9.2	ng	246630	3	14.30	1077740	20.0
Heptadecane	16.06	8.5	ng	255745	4	17.06	1201170	20.0
Methyl tetradecan...	16.25	43.0	ng	1289640	4	17.06	1201170	20.0
Octadecane	16.86	9.9	ng	296308	4	17.06	1201170	20.0
Hexadecane	17.60	7.3	ng	219453	4	17.06	1201170	20.0
Hexadecanoic acid...	17.77	74.4	ng	2233830	4	17.06	1201170	20.0
Anthracene, 1-met...	17.99	16.0	ng	480957	4	17.06	1201170	20.0
4H-Cyclopenta[def...	18.12	11.0	ng	329870	4	17.06	1201170	20.0
9,12-Octadecadien...	18.89	199.0	ng	5976970	4	17.06	1201170	20.0
9-Octadecenoic ac...	18.92	288.3	ng	8657380	4	17.06	1201170	20.0
Myristyl myristate	20.90	5.8	ng	269224	5	21.16	1859910	20.0
Benzo[e]pyrene	23.22	18.5	ng	377497	6	23.42	817139	20.0