LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001541.D
Acq On : 06 Jan 2020 21:35
Operator : JU
Sample : L1010-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-01-010220

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-BP010320.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	2.999	32	36	50	rVB	68769	106094	1.34%	0.337%
2	4.870	349	354	364	rVB	80740	113189	1.43%	0.359%
3	5.317	423	430	441	rVB	382451	548918	6.94%	1.742%
4	6.881	687	696	708	rVB	432290	674565	8.53%	2.140%
5	7.228	746	755	766	rVB	398396	637476	8.06%	2.023%
6	7.681	825	832	840	rBV	248015	382499	4.83%	1.214%
7	7.999	875	886	894	rBV	324586	510736	6.46%	1.621%
8	8.828	1010	1027	1037	rBV	253939	435367	5.50%	1.381%
9	10.457	1295	1304	1310	rBV	322645	554311	7.01%	1.759%
10	11.916	1544	1552	1558	rBV	50100	86199	1.09%	0.274%
11	12.940	1720	1726	1732	rBV	584565	836307	10.57%	2.654%
12	13.175	1757	1766	1773	rBV	74678	121382	1.53%	0.385%
13	14.257	1945	1950	1954	rBV	95447	116152	1.47%	0.369%
14	14.322	1954	1961	1967	rVV	441582	659975	8.34%	2.094%
15	15.216	2109	2113	2117	rVB	101845	121110	1.53%	0.384%
16	15.816	2210	2215	2224	rVB	469967	683382	8.64%	2.168%
17	16.087	2256	2261	2264	rBV	99948	130917	1.65%	0.415%
18	16.881	2392	2396	2401	rBV2	100376	125961	1.59%	0.400%
19	17.081	2424	2430	2434	rBV	528255	752285	9.51%	2.387%
20	17.122	2434	2437	2443	rVB	155015	201128	2.54%	0.638%
21	17.628	2519	2523	2526	rBV	90080	111036	1.40%	0.352%
22	17.669	2526	2530	2534	rVB2	69632	84049	1.06%	0.267%
23	17.798	2547	2552	2560	rVB	2042246	2369768	29.95%	7.520%
24	18.016	2583	2589	2595	rVV2	149562	235197	2.97%	0.746%
25	18.139	2605	2610	2614	rBV2	59201	109615	1.39%	0.348%
26	18.304	2634	2638	2641	rBV	81584	92776	1.17%	0.294%
27	18.851	2727	2731	2735	rBV	54198	80726	1.02%	0.256%
28	18.910	2735	2741	2744	rBV	6381703	7911500	100.00%	25.104%
29	18.945	2744	2747	2756	rVB	6083121	7321731	92.55%	23.233%
30	19.069	2763	2768	2771	rBV	785573	906549	11.46%	2.877%
31	19.104	2771	2774	2778	rVV2	306257	493897	6.24%	1.567%
32	19.145	2778	2781	2789	rVB	228996	337400	4.26%	1.071%
33	19.422	2825	2828	2830	rBV2	95611	118174	1.49%	0.375%
34	19.451	2830	2833	2837	rVB	217569	256044	3.24%	0.812%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001541.D
Acq On : 06 Jan 2020 21:35
Operator : JU
Sample : L1010-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-01-010220

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-BP010320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.663	2865	2869	2874	rBV	875854	1059847	13.40%	3.363%
36	19.945	2912	2917	2922	rVB4	93695	184696	2.33%	0.586%
37	20.004	2924	2927	2928	rVV2	69256	80094	1.01%	0.254%
38	20.028	2928	2931	2938	rVB3	107619	148256	1.87%	0.470%
39	20.133	2946	2949	2952	rBV	95142	93198	1.18%	0.296%
40	20.928	3081	3084	3089	rBV5	115240	160354	2.03%	0.509%
41	21.063	3105	3107	3112	rBV2	77692	82421	1.04%	0.262%
42	21.180	3121	3127	3131	rBV2	619857	937917	11.86%	2.976%
43	23.427	3506	3509	3515	rVB2	319326	541319	6.84%	1.718%

Sum of corrected areas: 31514517

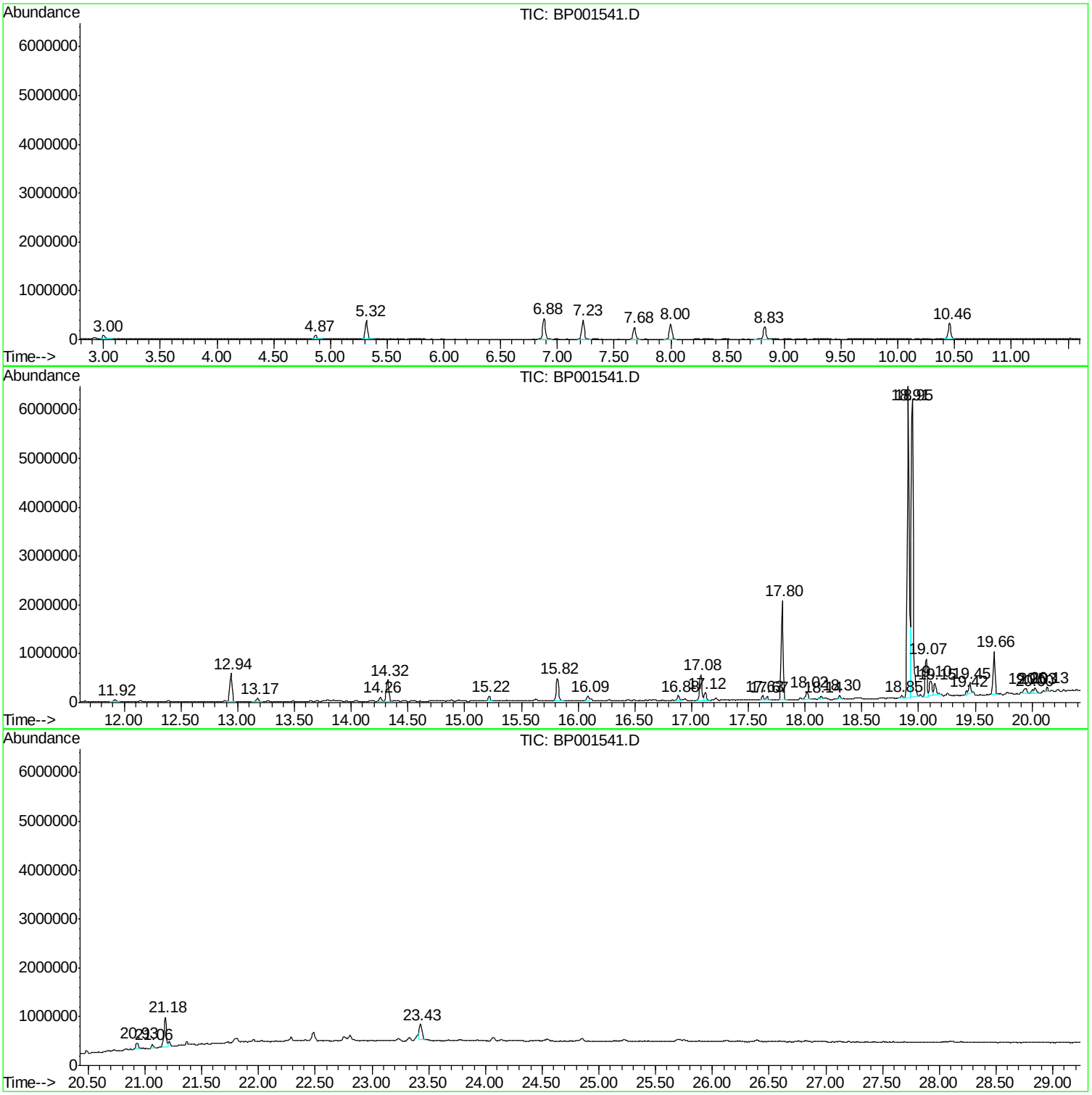
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001541.D
Acq On : 06 Jan 2020 21:35
Operator : JU
Sample : L1010-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-01-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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\BP010620\
Data File : BP001541.D
Acq On : 06 Jan 2020 21:35
Operator : JU
Sample : L1010-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-01-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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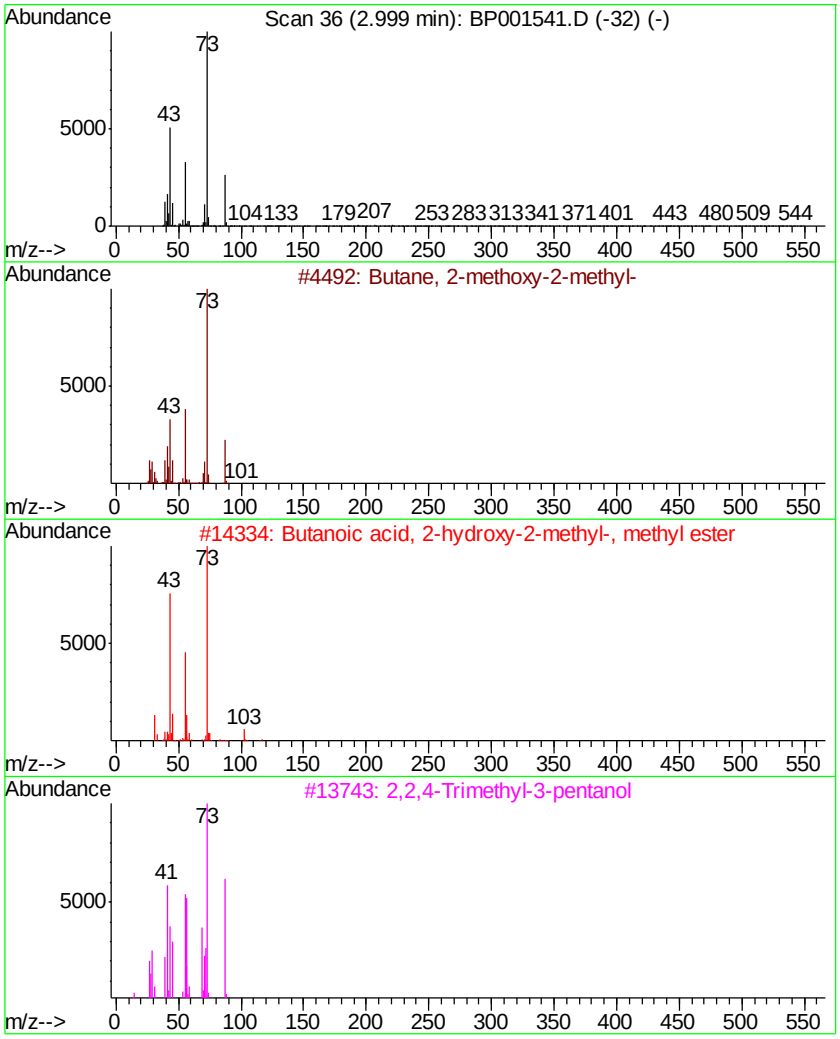
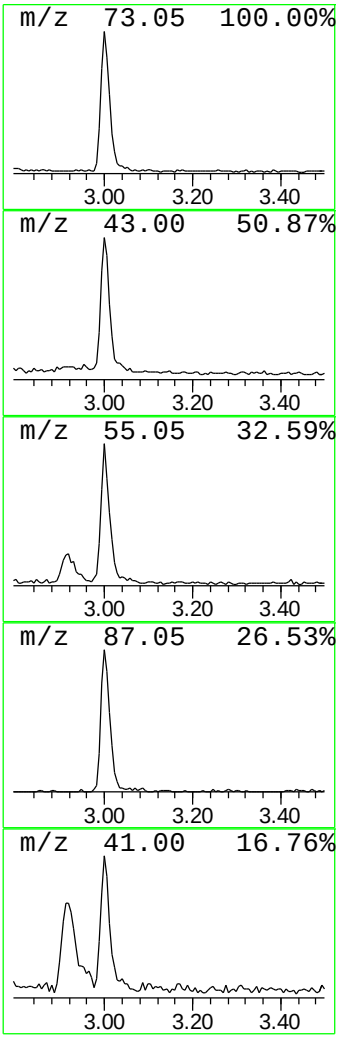
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	5.55 ng	106094	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	43
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
5	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001541.D
Acq On : 06 Jan 2020 21:35
Operator : JU
Sample : L1010-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-01-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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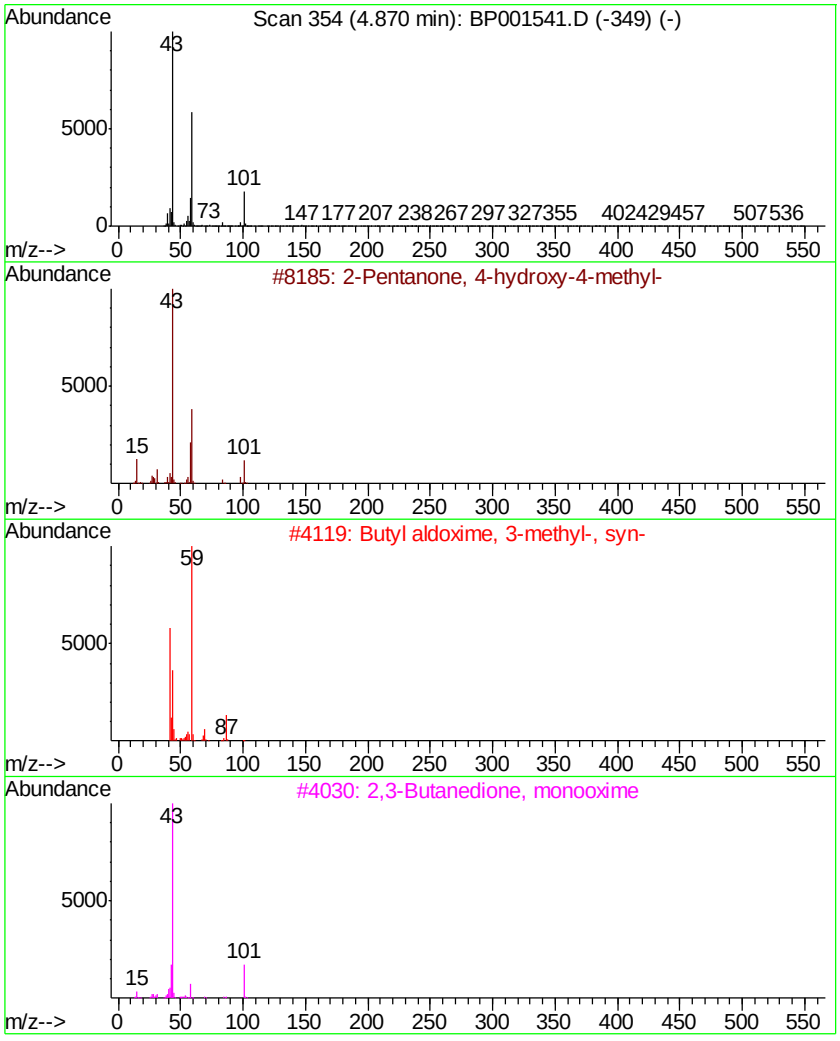
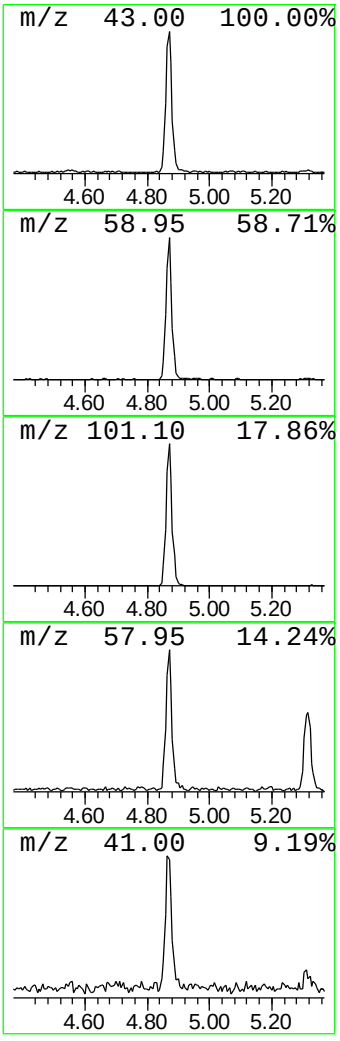
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	5.92 ng	113189	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	Thiocyanic acid, propyl ester	101	C4H7NS	004251-16-5	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001541.D
Acq On : 06 Jan 2020 21:35
Operator : JU
Sample : L1010-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-01-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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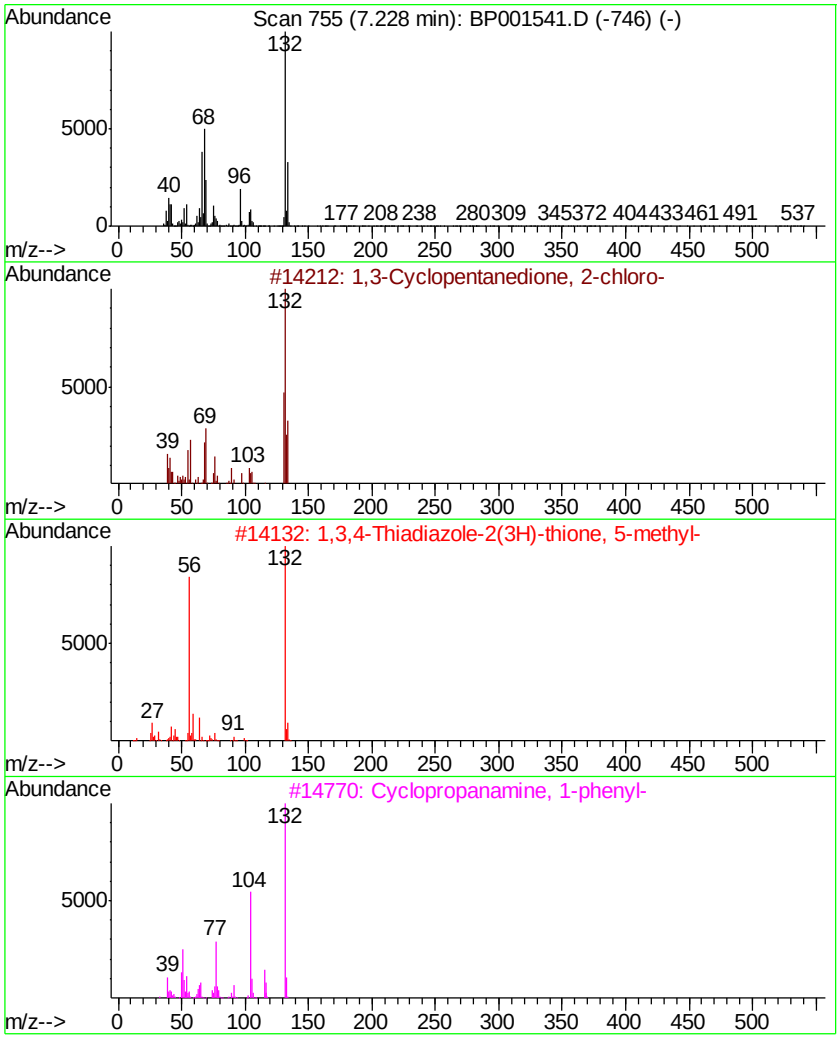
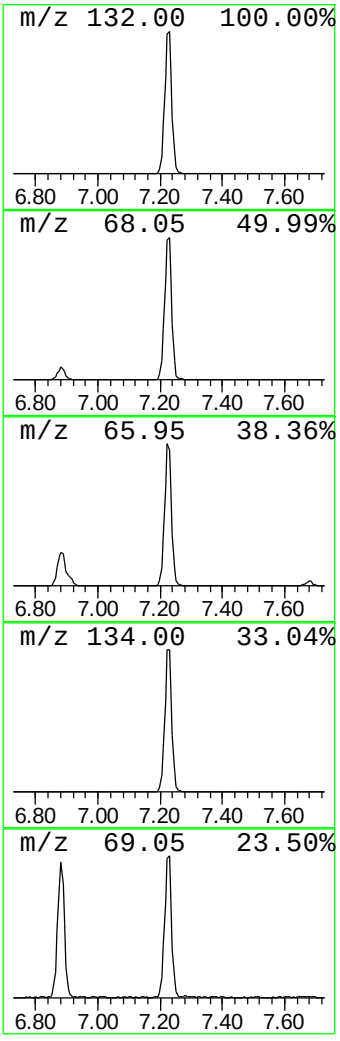
Peak Number 3 unknown7.23 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	33.33 ng	637476	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	14
2	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
3	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001541.D
Acq On : 06 Jan 2020 21:35
Operator : JU
Sample : L1010-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-01-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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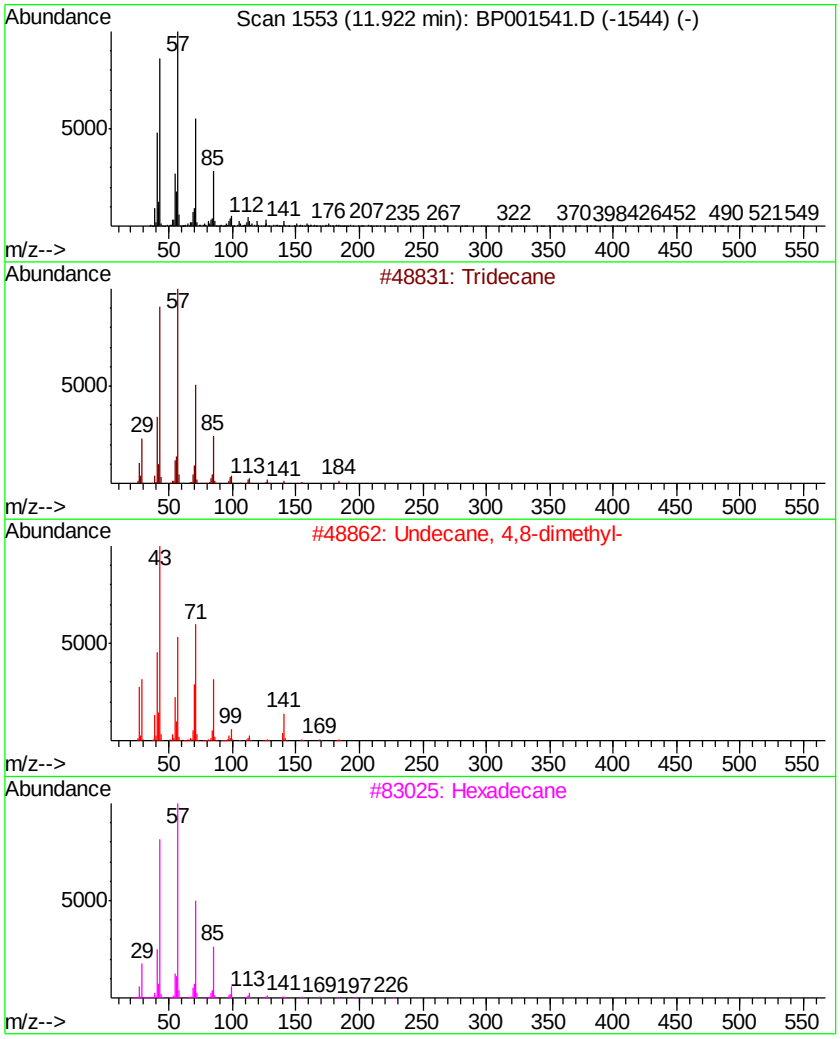
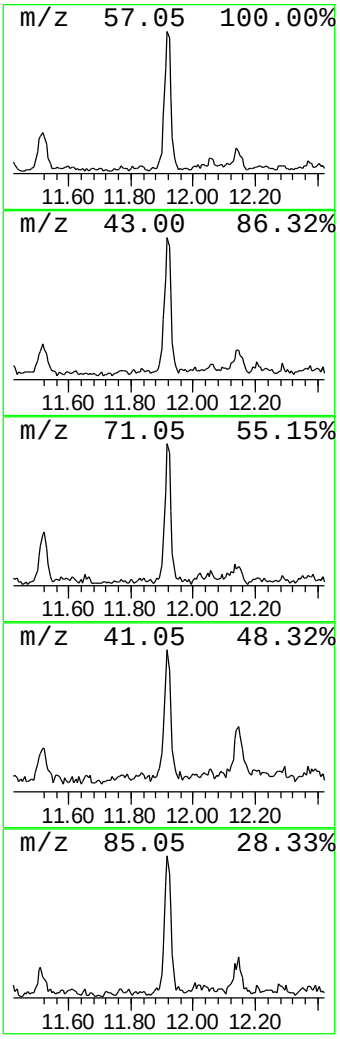
Peak Number 5 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.11 ng	86199	Naphthalene-d8	10.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	87
3	Hexadecane	226	C16H34	000544-76-3	86
4	Nonadecane	268	C19H40	000629-92-5	76
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001541.D
Acq On : 06 Jan 2020 21:35
Operator : JU
Sample : L1010-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-01-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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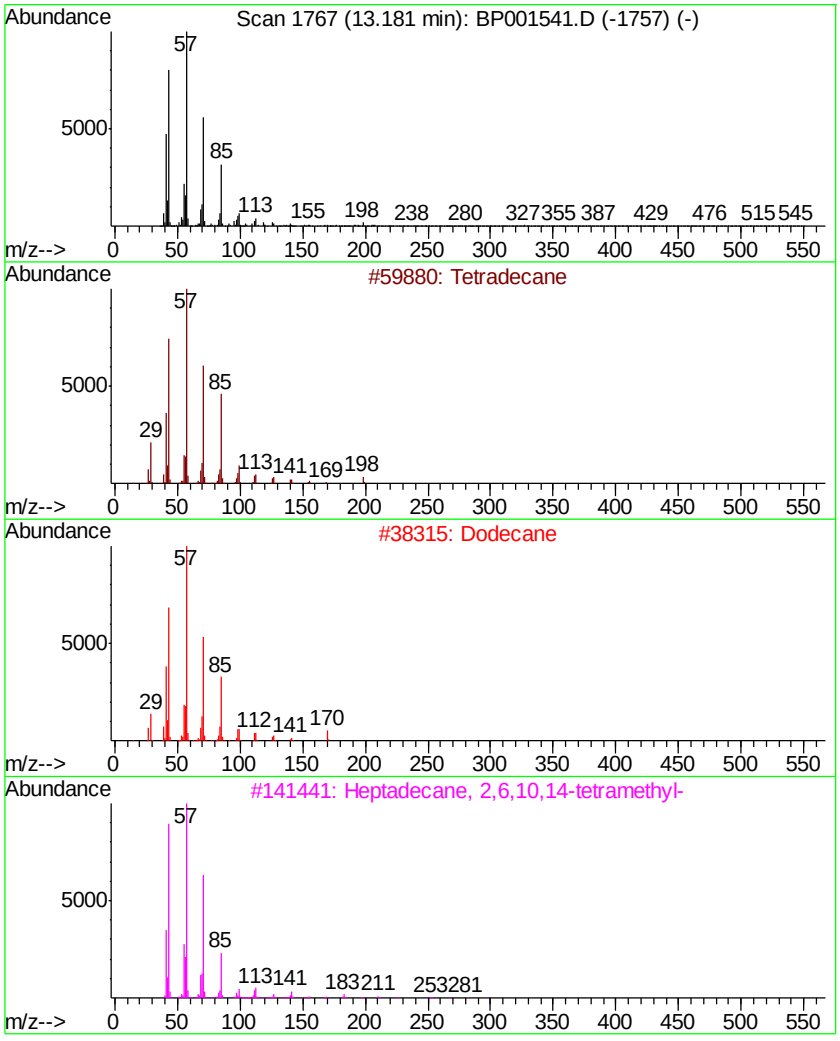
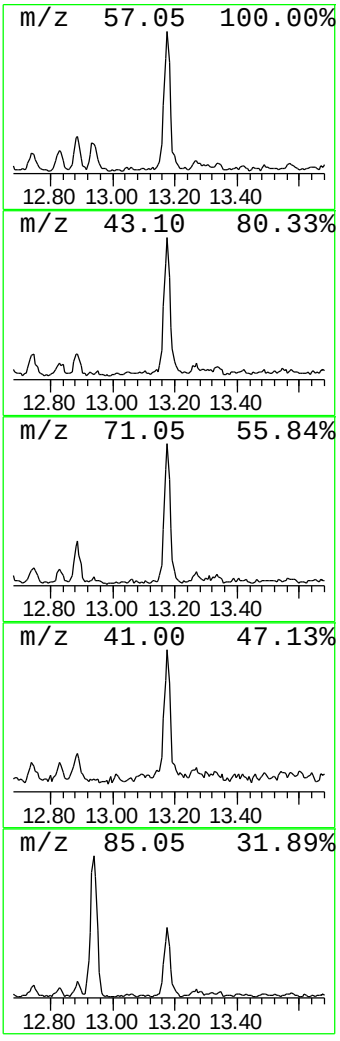
Peak Number 6 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	3.68 ng	121382	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Dodecane	170	C12H26	000112-40-3	90
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	89
4	Tridecane	184	C13H28	000629-50-5	86
5	Heneicosane	296	C21H44	000629-94-7	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001541.D
Acq On : 06 Jan 2020 21:35
Operator : JU
Sample : L1010-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-01-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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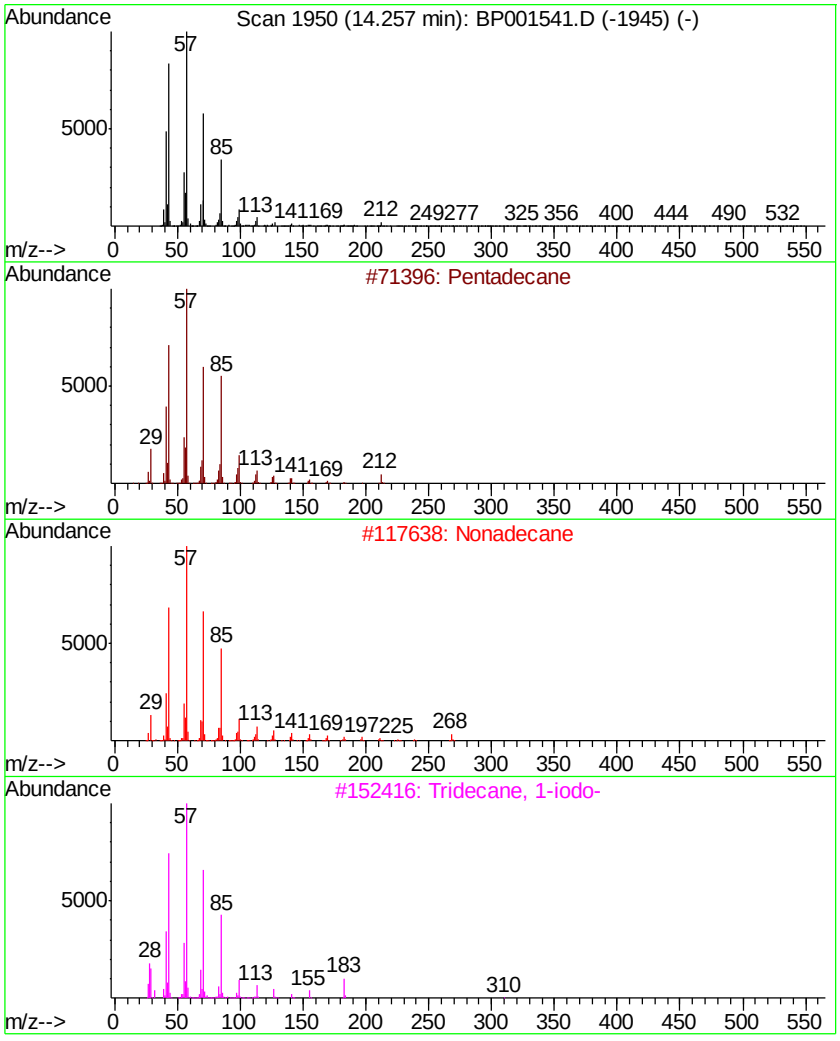
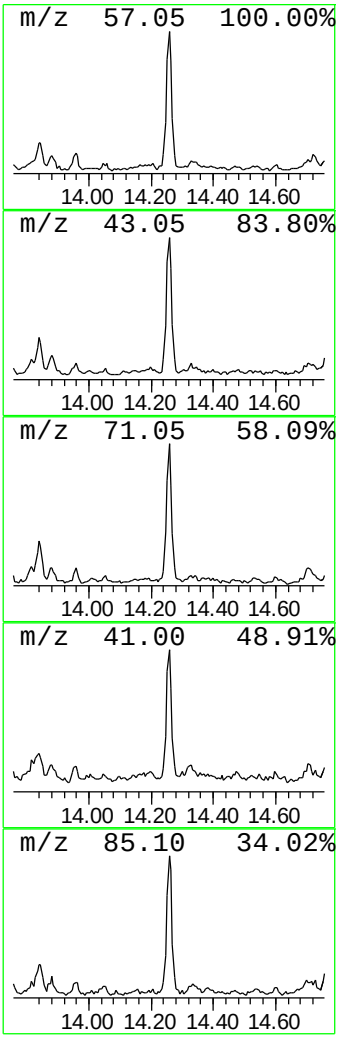
Peak Number 7 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	3.52 ng	116152	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Nonadecane	268	C19H40	000629-92-5	94
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Tetradecane	198	C14H30	000629-59-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001541.D
Acq On : 06 Jan 2020 21:35
Operator : JU
Sample : L1010-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-01-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

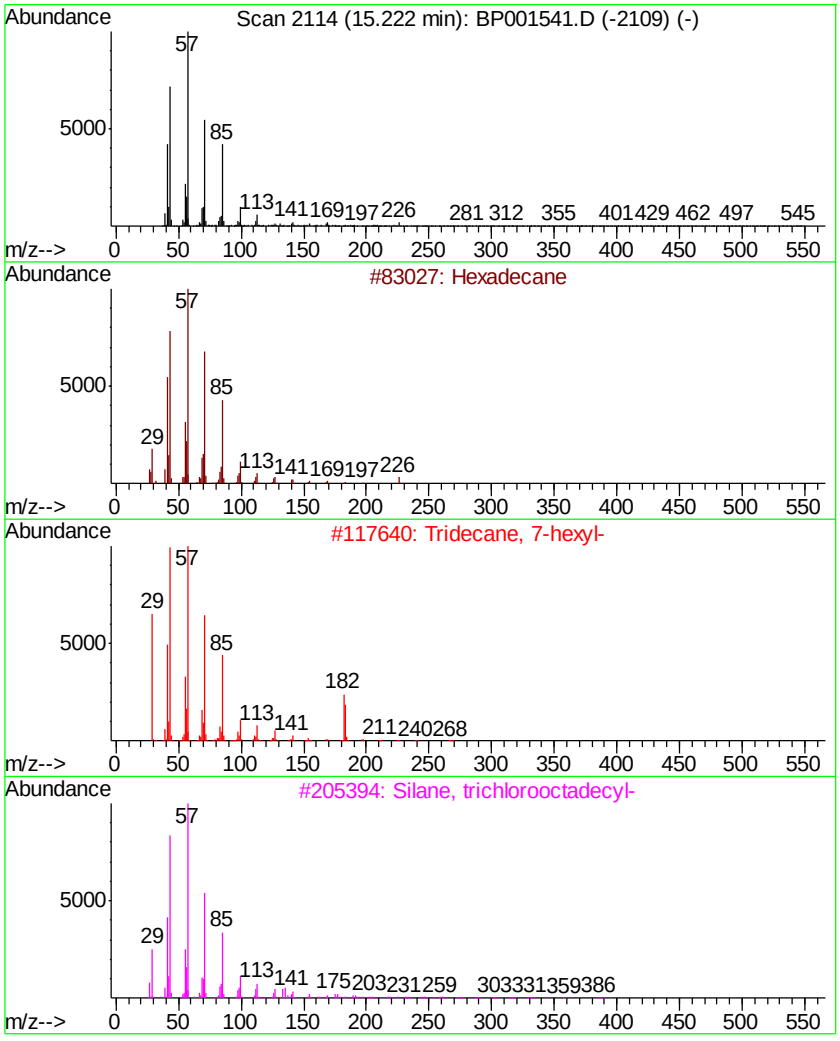
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

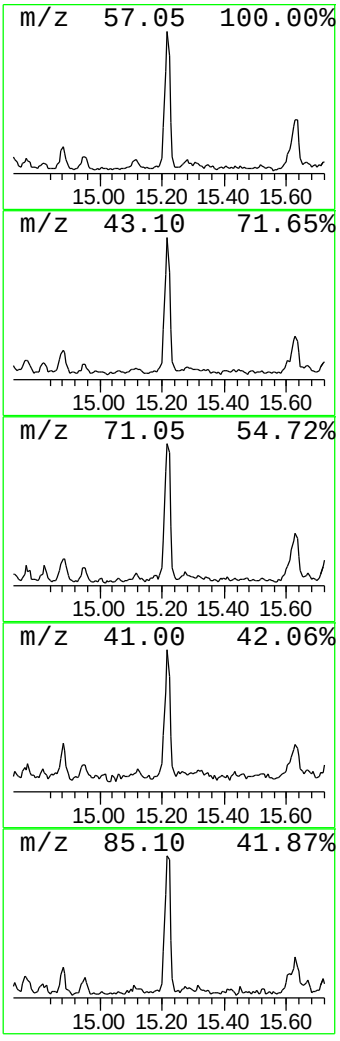
****

Peak Number 8 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	3.67 ng	121110	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001541.D
Acq On : 06 Jan 2020 21:35
Operator : JU
Sample : L1010-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-01-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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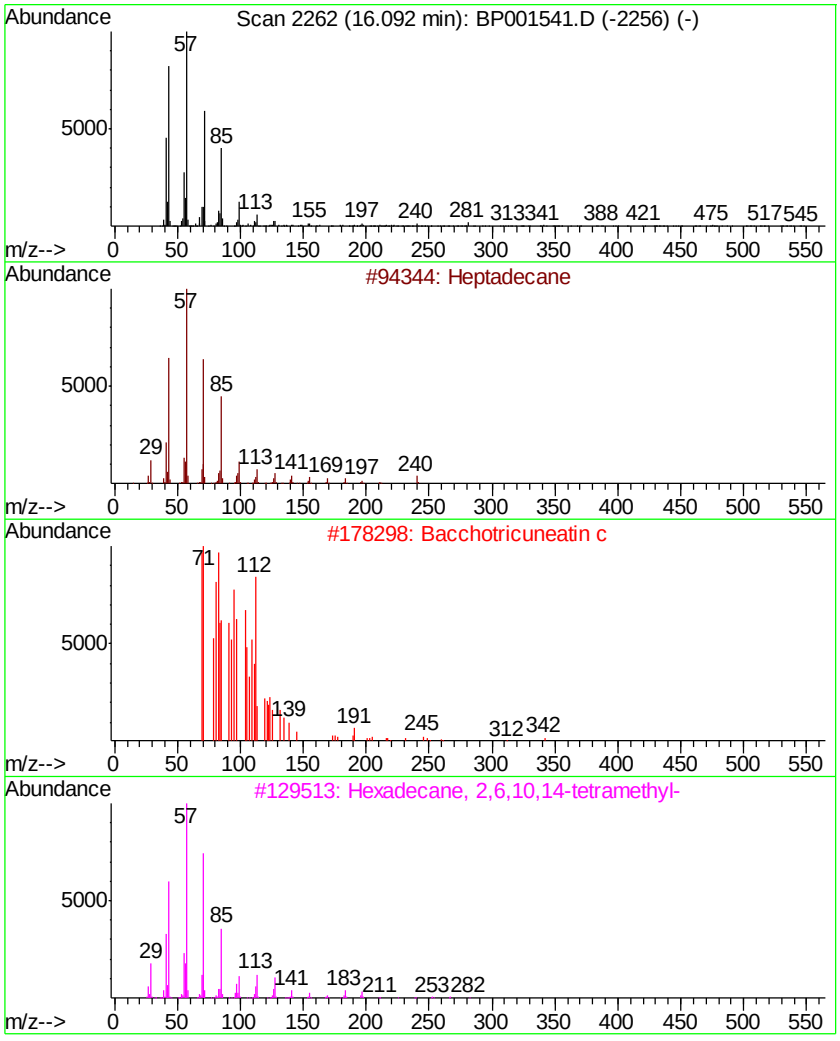
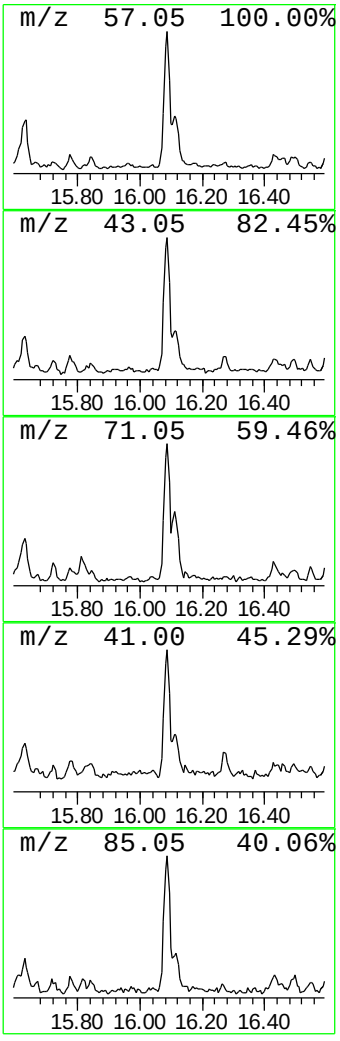
Peak Number 9 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	3.48 ng	130917	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Bacchotricuneatin c	342	C20H22O5	066563-30-2	90
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
5	Nonadecane	268	C19H40	000629-92-5	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001541.D
Acq On : 06 Jan 2020 21:35
Operator : JU
Sample : L1010-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-01-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

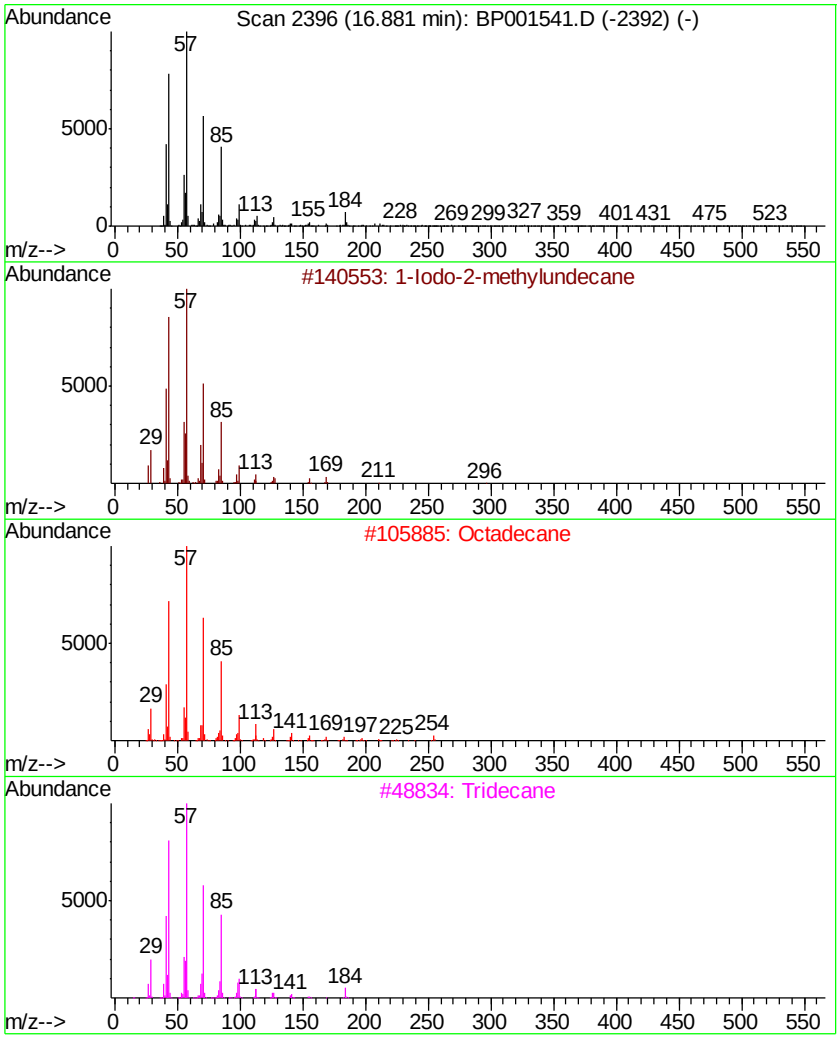
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

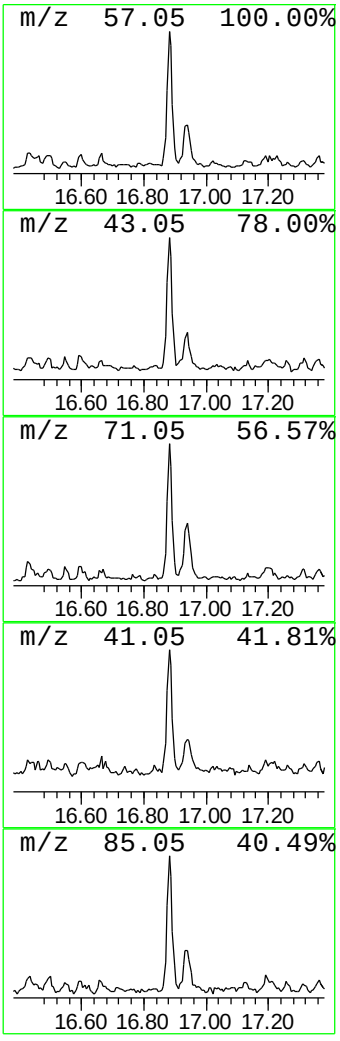
****

Peak Number 10 1-Iodo-2-methylundecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	3.35 ng	125961	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	93
2	Octadecane	254	C18H38	000593-45-3	91
3	Tridecane	184	C13H28	000629-50-5	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Hexadecane	226	C16H34	000544-76-3	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001541.D
Acq On : 06 Jan 2020 21:35
Operator : JU
Sample : L1010-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-01-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

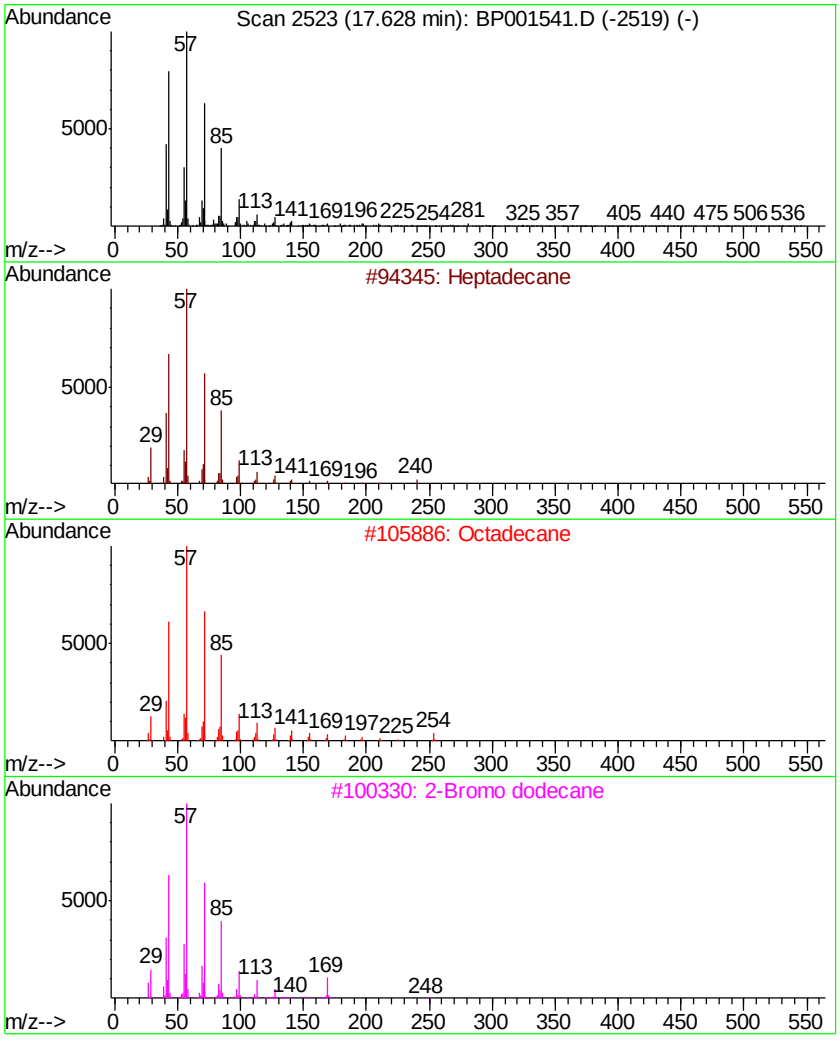
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

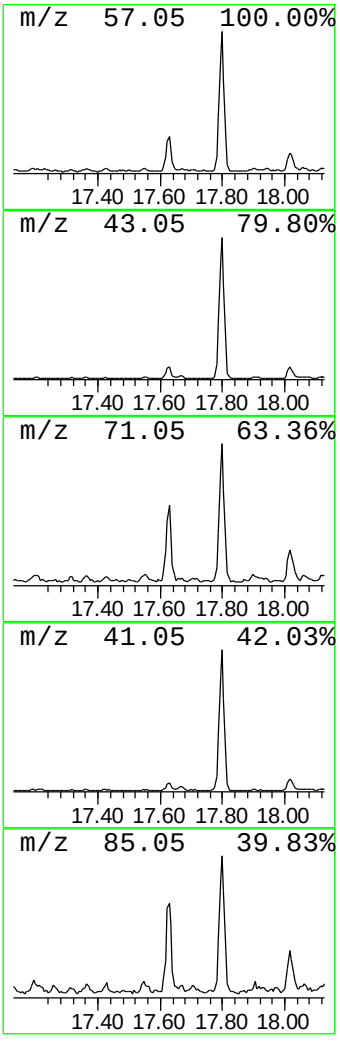
****

Peak Number 11 Tetracosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	2.95 ng	111036	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Octadecane	254	C18H38	000593-45-3	94
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
4	Tetracosane	338	C24H50	000646-31-1	90
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90





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Data File : BP001541.D
Acq On : 06 Jan 2020 21:35
Operator : JU
Sample : L1010-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-01-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

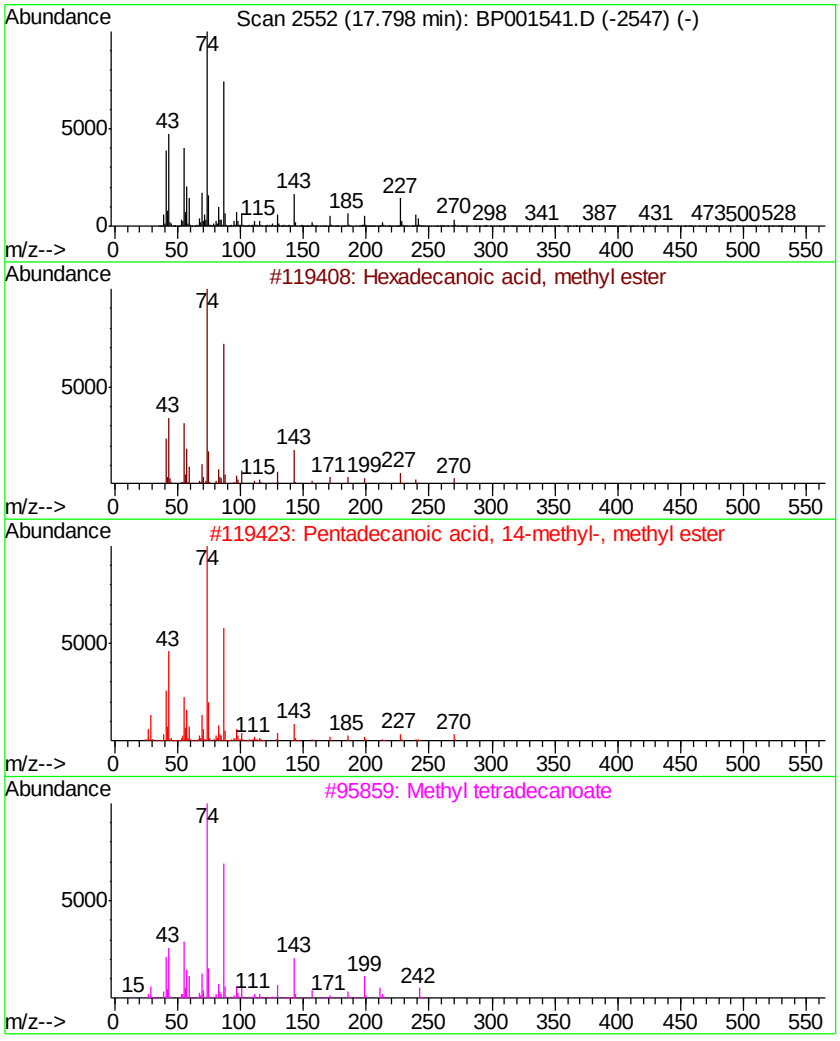
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

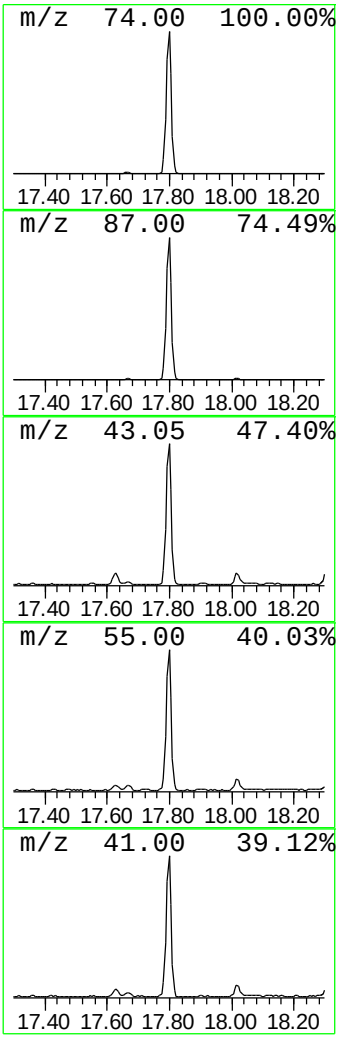
****

Peak Number 12 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.80	63.00 ng	2369770	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001541.D
Acq On : 06 Jan 2020 21:35
Operator : JU
Sample : L1010-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-01-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

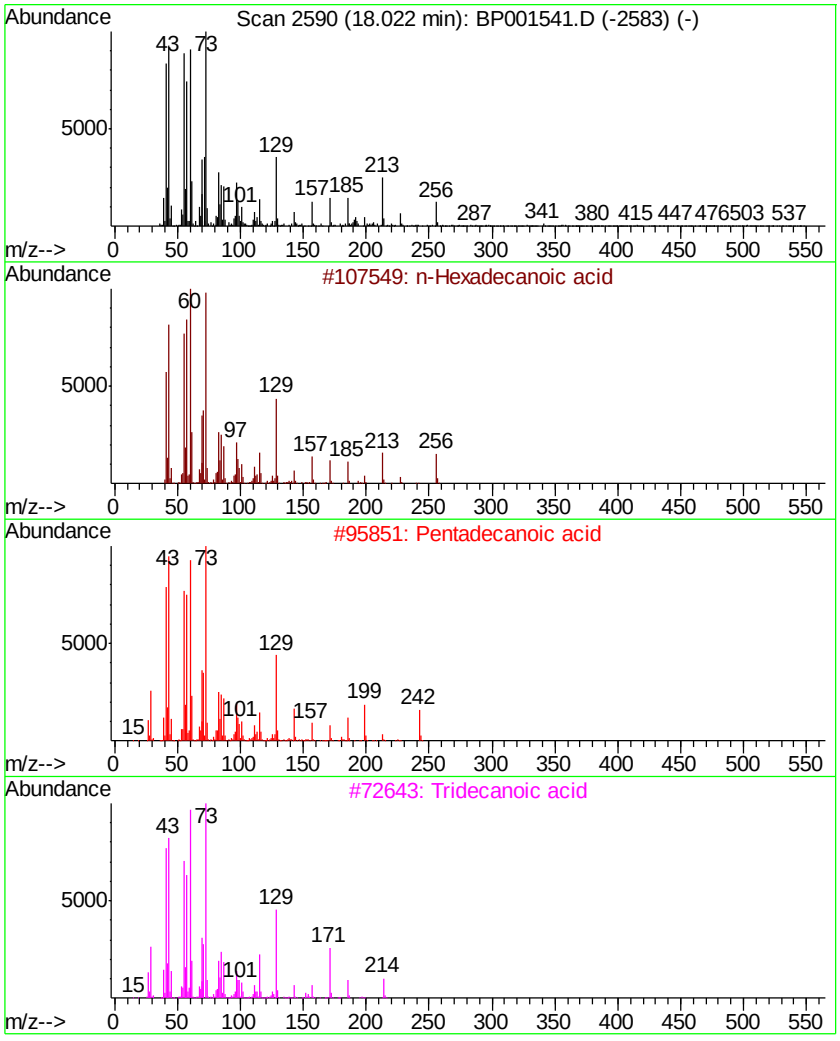
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

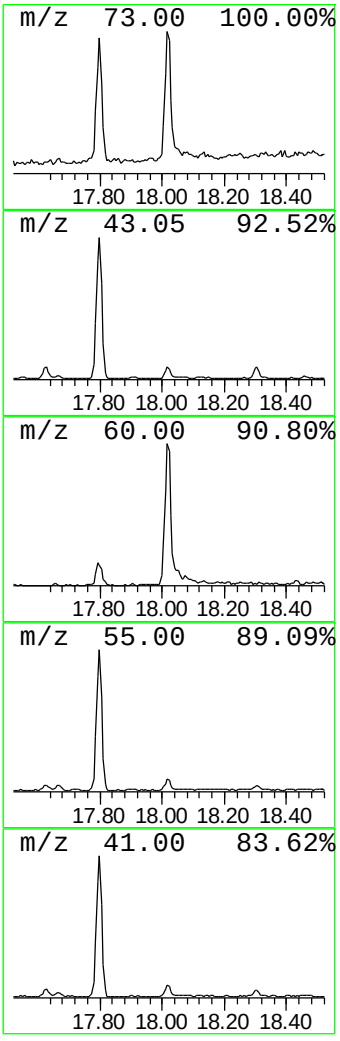
****

Peak Number 13 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	6.25 ng	235197	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Dodecanoic acid	200	C12H24O2	000143-07-7	58
5	Octadecanoic acid	284	C18H36O2	000057-11-4	55





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001541.D
Acq On : 06 Jan 2020 21:35
Operator : JU
Sample : L1010-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-01-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

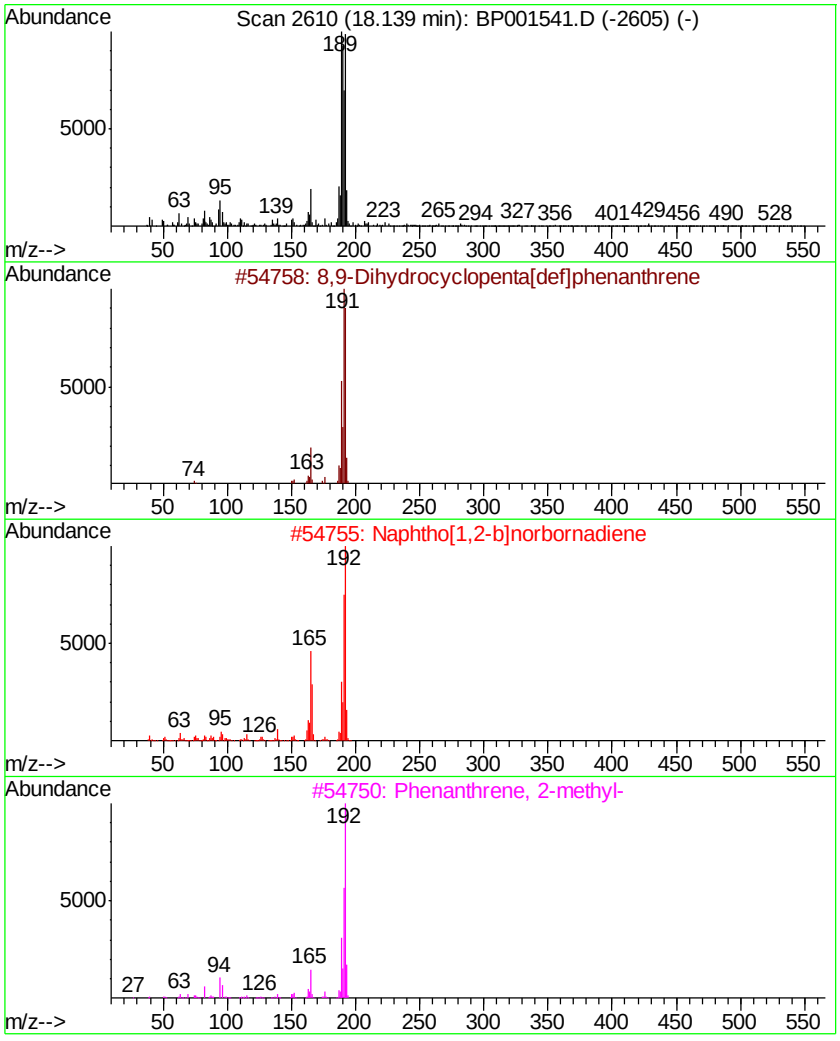
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

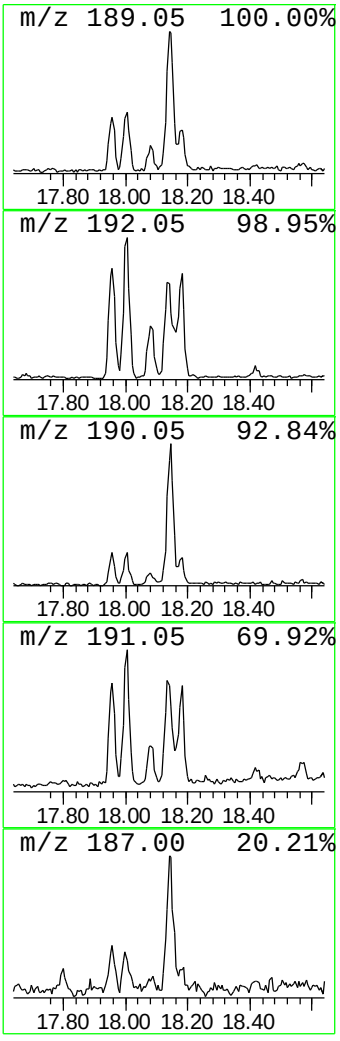
****

Peak Number 14 unknown18.14 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	2.91 ng	109615	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	47
2	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001541.D
Acq On : 06 Jan 2020 21:35
Operator : JU
Sample : L1010-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-01-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

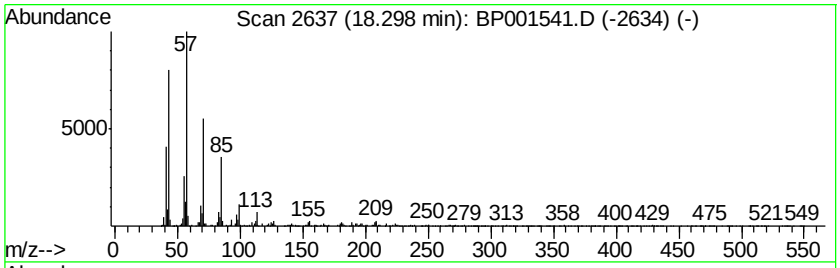
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

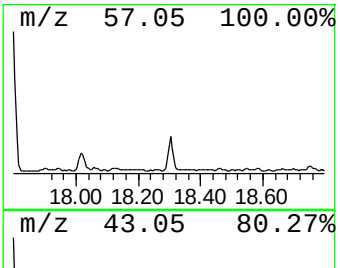
****

Peak Number 15 Heneicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	2.47 ng	92776	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Heptadecane	240	C17H36	000629-78-7	93
3	Tetracosane	338	C24H50	000646-31-1	90
4	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	89
5	Nonadecane	268	C19H40	000629-92-5	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001541.D
Acq On : 06 Jan 2020 21:35
Operator : JU
Sample : L1010-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-01-010220

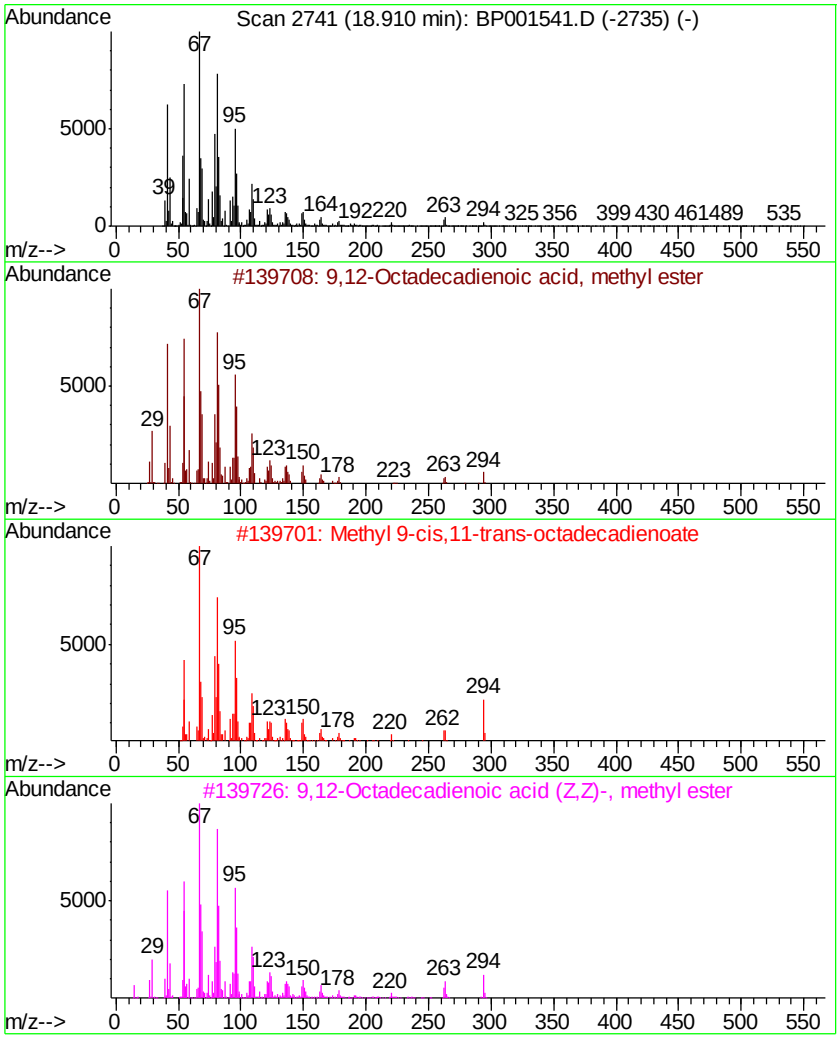
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

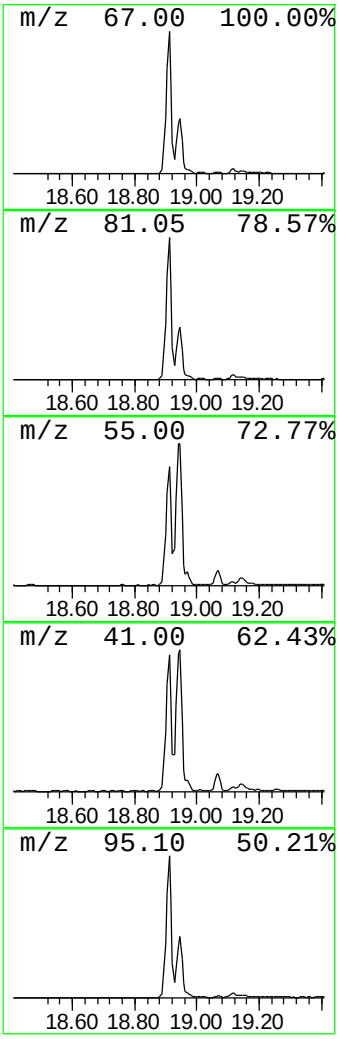
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	210.33 ng	7911500	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	98





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001541.D
Acq On : 06 Jan 2020 21:35
Operator : JU
Sample : L1010-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-01-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

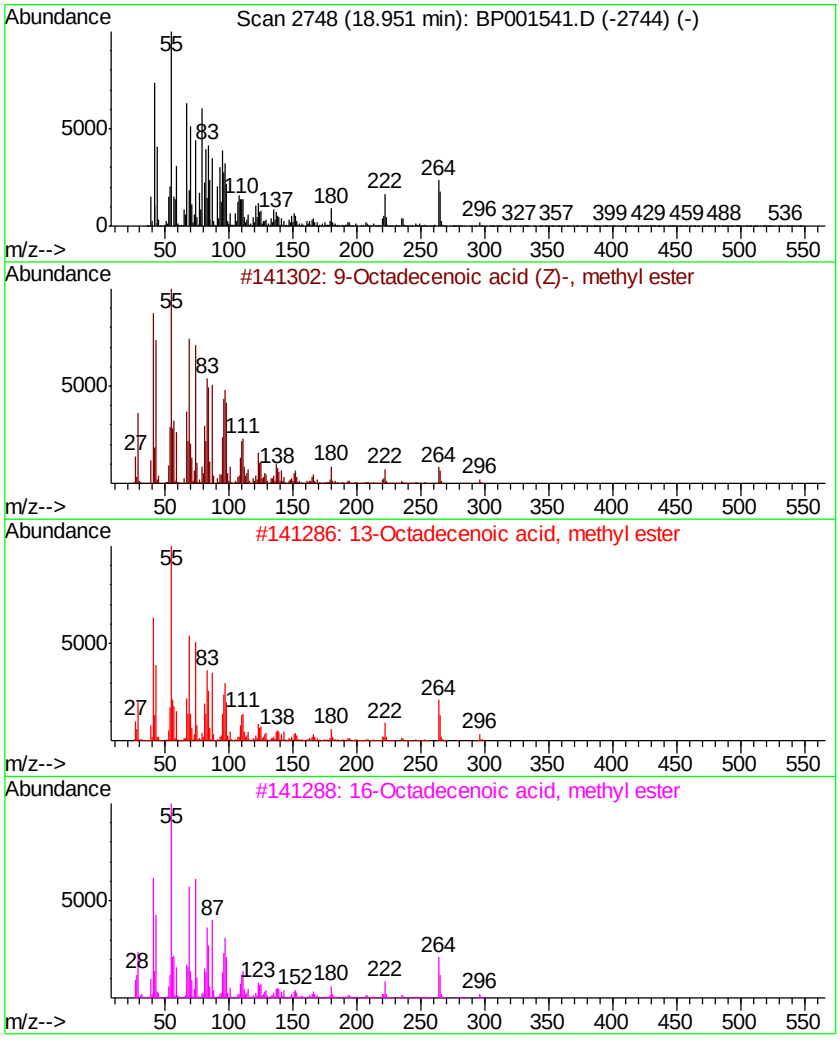
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

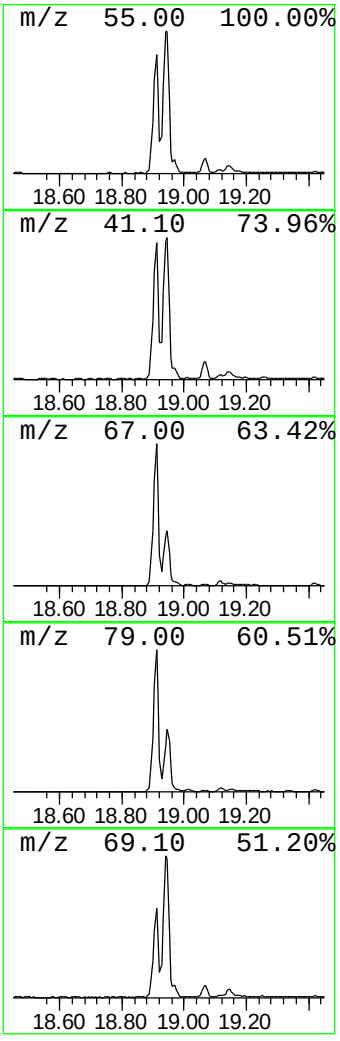
****

Peak Number 17 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	194.65 ng	7321730	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	96
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	96
4	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	95
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001541.D
Acq On : 06 Jan 2020 21:35
Operator : JU
Sample : L1010-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-01-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

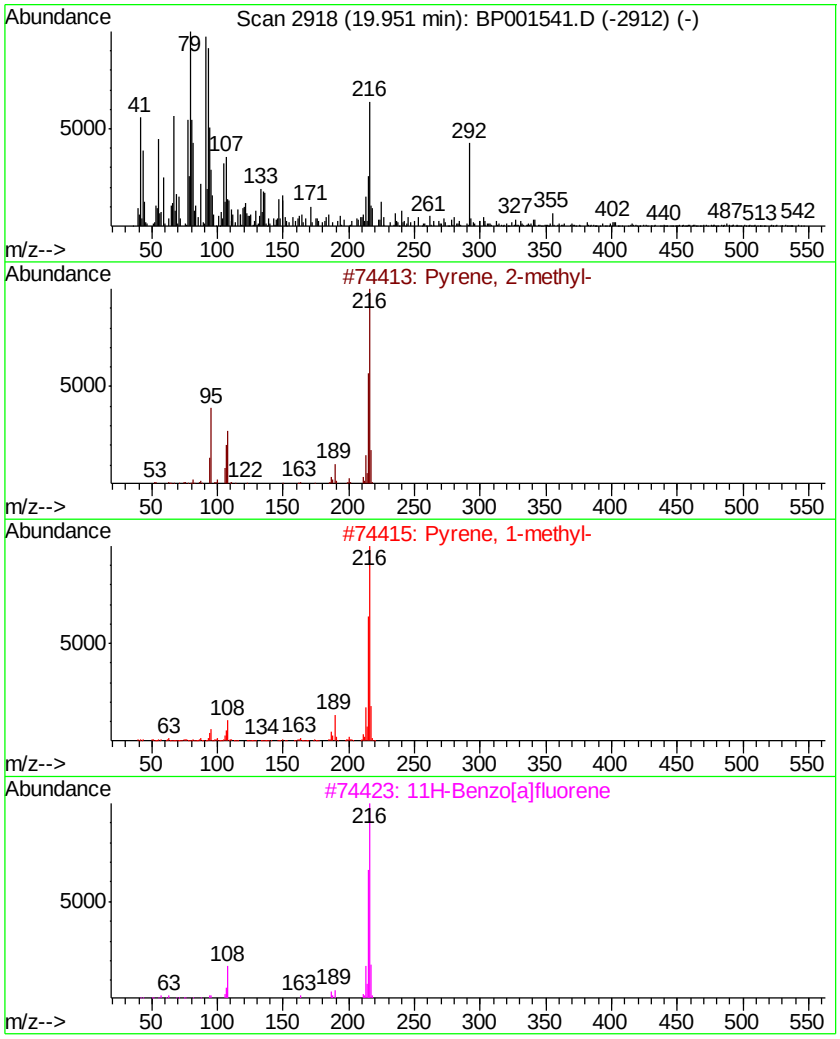
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

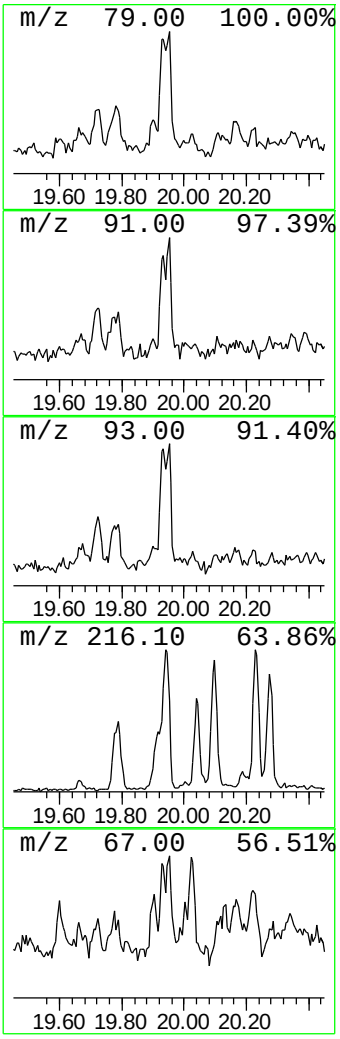
****

Peak Number 18 unknown19.35 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.95	3.94 ng	184696	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	45
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	38
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	38
4	Methyl 9.cis.,11.trans.t,13.tran...	292	C19H32O2	1000336-42-6	30
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	30





Library Search Compound Report

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Data File : BP001541.D
Acq On : 06 Jan 2020 21:35
Operator : JU
Sample : L1010-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-01-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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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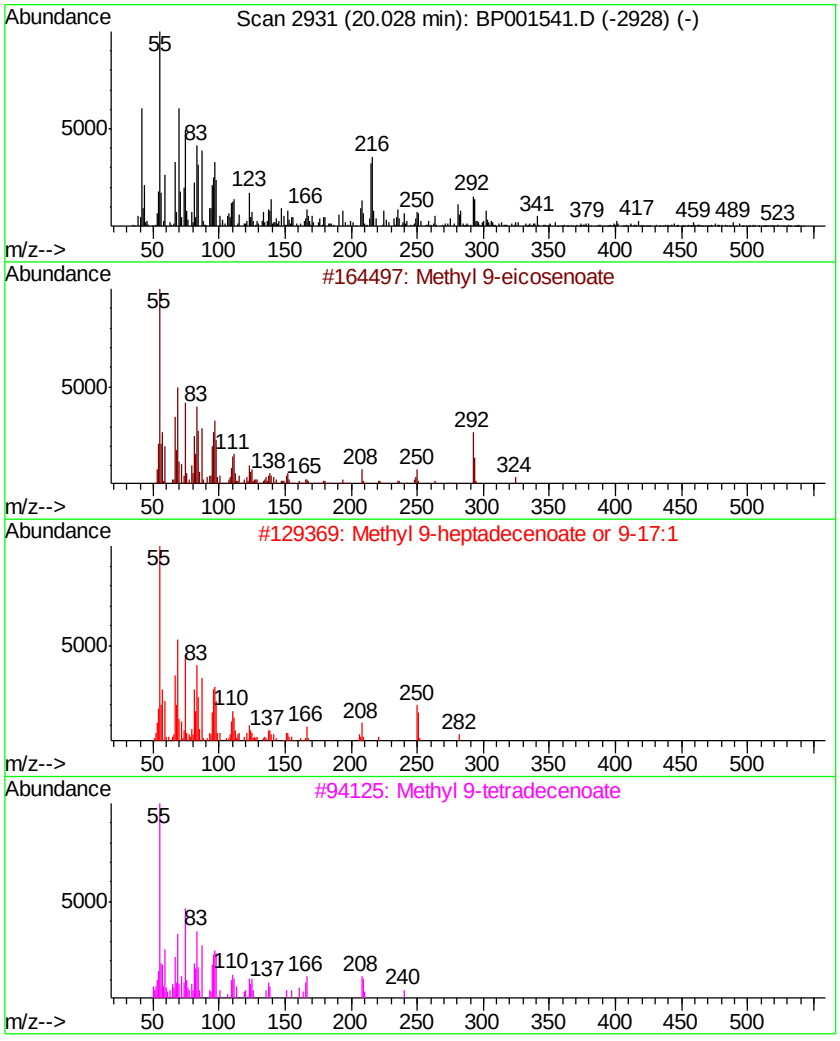
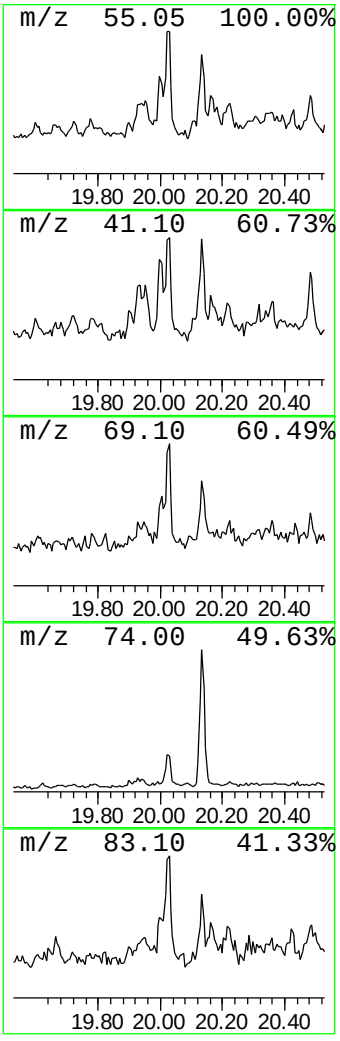
Peak Number 19 Methyl 9-eicosenoate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	3.16 ng	148256	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9-eicosenoate	324	C21H40O2	1000336-50-5	96
2	Methyl 9-heptadecenoate or 9-17:1	282	C18H34O2	1000336-38-0	86
3	Methyl 9-tetradecenoate	240	C15H28O2	1000336-47-3	84
4	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	83
5	Oxiraneundecanoic acid, 3-pentyl...	312	C19H36O3	038520-31-9	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001541.D
Acq On : 06 Jan 2020 21:35
Operator : JU
Sample : L1010-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-01-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

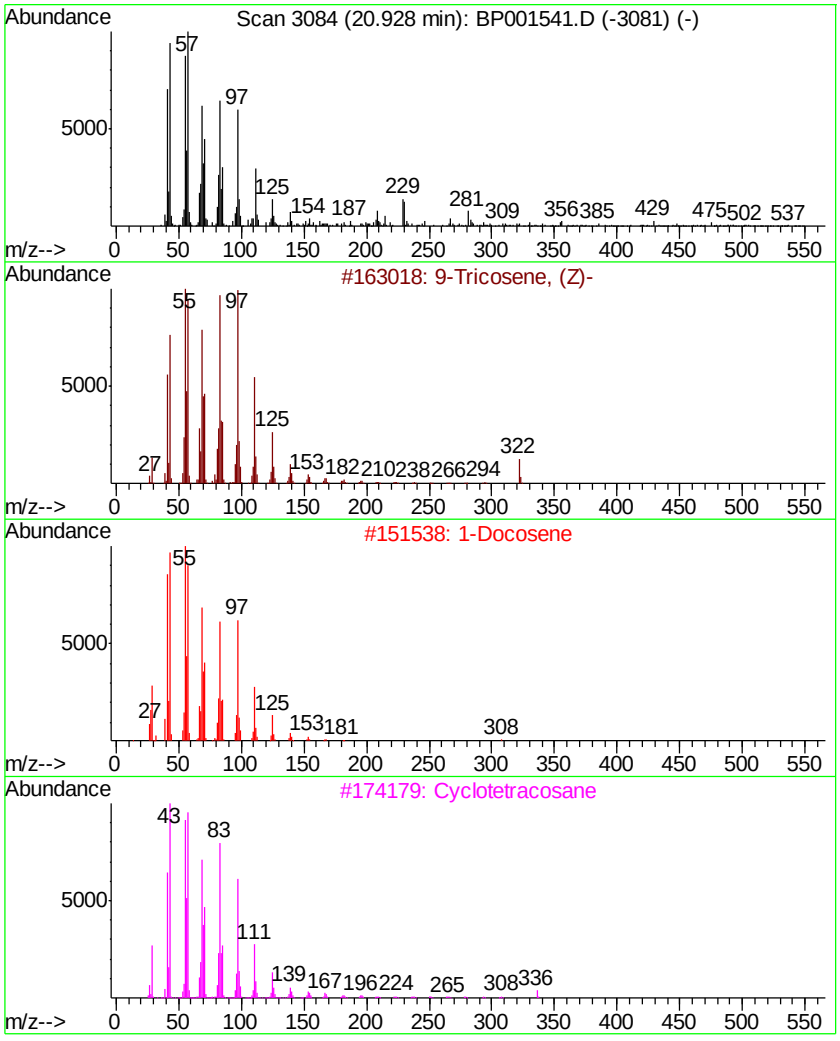
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

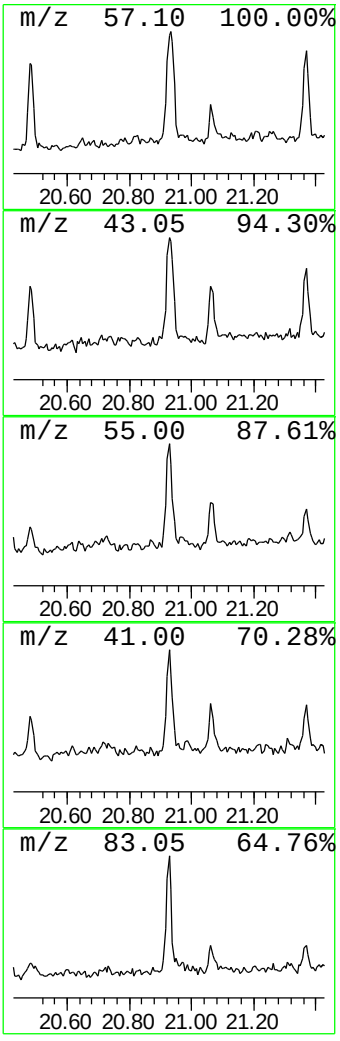
****

Peak Number 20 9-Tricosene, (Z)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	3.42 ng	160354	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
2	1-Docosene	308	C22H44	001599-67-3	93
3	Cyclotetracosane	336	C24H48	000297-03-0	90
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	90
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP010620\
Data File : BP001541.D
Acq On : 06 Jan 2020 21:35
Operator : JU
Sample : L1010-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-01-010220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.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...	3.00	5.5	ng	106094	1	7.68	382499	20.0
2-Pentanone, 4-hy...	4.87	5.9	ng	113189	1	7.68	382499	20.0
unknown7.23	7.23	33.3	ng	637476	1	7.68	382499	20.0
Tridecane	11.92	3.1	ng	86199	2	10.46	554311	20.0
Tetradecane	13.18	3.7	ng	121382	3	14.32	659975	20.0
Pentadecane	14.26	3.5	ng	116152	3	14.32	659975	20.0
Hexadecane	15.22	3.7	ng	121110	3	14.32	659975	20.0
Heptadecane	16.09	3.5	ng	130917	4	17.08	752285	20.0
1-Iodo-2-methylun...	16.88	3.4	ng	125961	4	17.08	752285	20.0
Tetracosane	17.63	3.0	ng	111036	4	17.08	752285	20.0
Hexadecanoic acid...	17.80	63.0	ng	2369770	4	17.08	752285	20.0
n-Hexadecanoic acid	18.02	6.3	ng	235197	4	17.08	752285	20.0
unknown18.14	18.14	2.9	ng	109615	4	17.08	752285	20.0
Heneicosane	18.30	2.5	ng	92776	4	17.08	752285	20.0
9,12-Octadecadien...	18.91	210.3	ng	7911500	4	17.08	752285	20.0
9-Octadecenoic ac...	18.95	194.7	ng	7321730	4	17.08	752285	20.0
unknown19.35	19.95	3.9	ng	184696	5	21.18	937917	20.0
Methyl 9-eicosenoate	20.03	3.2	ng	148256	5	21.18	937917	20.0
9-Tricosene, (Z)-	20.93	3.4	ng	160354	5	21.18	937917	20.0