LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001667.D
Acq On : 17 Jan 2020 20:42
Operator : JU
Sample : L1008-08 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-01-011620

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	35	rVB	92350	127516	3.55%	0.515%
2	4.799	337	342	353	rVB	118458	169366	4.71%	0.685%
3	5.264	415	421	433	rVB	516020	755967	21.03%	3.055%
4	6.834	681	688	700	rVB	577249	930276	25.87%	3.760%
5	7.175	740	746	758	rVB	535344	869214	24.18%	3.513%
6	7.634	817	824	833	rBV	267183	418894	11.65%	1.693%
7	7.952	869	878	885	rBV	429569	679517	18.90%	2.746%
8	8.781	1013	1019	1031	rVB	335095	568027	15.80%	2.296%
9	10.410	1287	1296	1302	rBV	331823	554665	15.43%	2.242%
10	11.869	1537	1544	1551	rBV	37029	64216	1.79%	0.260%
11	12.081	1571	1580	1590	rVB	82058	154289	4.29%	0.624%
12	12.305	1609	1618	1622	rBV	72371	122105	3.40%	0.494%
13	12.899	1713	1719	1728	rVV	710266	1006492	27.99%	4.068%
14	13.128	1750	1758	1765	rBV	55888	93212	2.59%	0.377%
15	13.446	1806	1812	1820	rBV4	48658	124004	3.45%	0.501%
16	13.604	1829	1839	1844	rBV	81620	146767	4.08%	0.593%
17	13.657	1844	1848	1853	rVB2	57432	85600	2.38%	0.346%
18	13.746	1859	1863	1867	rBV2	34804	46299	1.29%	0.187%
19	13.840	1875	1879	1882	rBV2	39903	52389	1.46%	0.212%
20	14.004	1901	1907	1914	rVB2	59512	92187	2.56%	0.373%
21	14.216	1937	1943	1947	rBV	75847	102087	2.84%	0.413%
22	14.287	1947	1955	1960	rBV	398480	627360	17.45%	2.536%
23	14.346	1960	1965	1969	rBV2	38934	55342	1.54%	0.224%
24	14.499	1985	1991	2001	rBV3	25290	66404	1.85%	0.268%
25	14.693	2015	2024	2032	rBV5	40019	104476	2.91%	0.422%
26	14.769	2032	2037	2042	rVV	46044	59088	1.64%	0.239%
27	14.840	2045	2049	2055	rVB3	26499	40358	1.12%	0.163%
28	14.910	2055	2061	2066	rBV3	40971	79971	2.22%	0.323%
29	14.963	2066	2070	2075	rVB2	34864	46740	1.30%	0.189%
30	15.087	2084	2091	2093	rBV6	22591	48494	1.35%	0.196%
31	15.175	2101	2106	2111	rVB2	85115	109113	3.03%	0.441%
32	15.340	2129	2134	2139	rBV3	65690	100950	2.81%	0.408%
33	15.587	2168	2176	2180	rVB4	35222	71691	1.99%	0.290%
34	15.787	2204	2210	2219	rVB	408337	633288	17.61%	2.560%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001667.D
Acq On : 17 Jan 2020 20:42
Operator : JU
Sample : L1008-08 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-01-011620

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	16.040	2247	2253	2256	rBV2	86144	125459	3.49%	0.507%
36	16.069	2256	2258	2265	rVB	42791	49284	1.37%	0.199%
37	16.351	2300	2306	2310	rBV4	29891	63396	1.76%	0.256%
38	16.404	2310	2315	2320	rVB4	35513	59808	1.66%	0.242%
39	16.498	2327	2331	2337	rVB3	27206	45196	1.26%	0.183%
40	16.622	2350	2352	2362	rVB8	22433	36177	1.01%	0.146%
41	16.840	2385	2389	2391	rBV	68769	85331	2.37%	0.345%
42	16.892	2396	2398	2405	rVB2	36319	50806	1.41%	0.205%
43	17.045	2418	2424	2428	rBV	399344	576131	16.02%	2.329%
44	17.087	2428	2431	2437	rVB	340723	445063	12.38%	1.799%
45	17.175	2442	2446	2452	rVB	87794	130025	3.62%	0.526%
46	17.245	2454	2458	2464	rBV4	19493	41406	1.15%	0.167%
47	17.581	2511	2515	2518	rBV2	60649	74161	2.06%	0.300%
48	17.628	2518	2523	2528	rVB3	56039	87934	2.45%	0.355%
49	17.751	2539	2544	2553	rVB	950593	1157426	32.19%	4.678%
50	17.922	2568	2573	2577	rBV	118422	170492	4.74%	0.689%
51	17.969	2577	2581	2587	rVB	146480	197858	5.50%	0.800%
52	18.045	2591	2594	2598	rVV	52035	67379	1.87%	0.272%
53	18.104	2599	2604	2608	rVV2	142322	254351	7.07%	1.028%
54	18.145	2608	2611	2619	rVB2	92639	137115	3.81%	0.554%
55	18.257	2627	2630	2636	rBV	46193	55793	1.55%	0.225%
56	18.410	2653	2656	2660	rBV2	45622	61299	1.70%	0.248%
57	18.651	2694	2697	2701	rVB	34000	40056	1.11%	0.162%
58	18.704	2702	2706	2709	rVV	53180	69783	1.94%	0.282%
59	18.816	2721	2725	2728	rBV	108657	156922	4.36%	0.634%
60	18.863	2728	2733	2735	rVV	2672489	3024749	84.13%	12.225%
61	18.898	2735	2739	2747	rVB	2796570	3595270	100.00%	14.531%
62	19.022	2756	2760	2764	rVB	358375	374929	10.43%	1.515%
63	19.069	2764	2768	2773	rBV	257997	341678	9.50%	1.381%
64	19.139	2777	2780	2783	rBV2	31918	40482	1.13%	0.164%
65	19.422	2824	2828	2838	rVB	344467	534286	14.86%	2.159%
66	19.510	2840	2843	2848	rVB	46468	64934	1.81%	0.262%
67	19.628	2859	2863	2868	rBV	723979	887299	24.68%	3.586%
68	19.745	2880	2883	2889	rBV4	44766	96683	2.69%	0.391%
69	19.910	2909	2911	2915	rVB2	101816	108661	3.02%	0.439%
70	20.063	2934	2937	2940	rBV2	68535	90900	2.53%	0.367%
71	20.198	2958	2960	2964	rVB	59303	59636	1.66%	0.241%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001667.D
Acq On : 17 Jan 2020 20:42
Operator : JU
Sample : L1008-08 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-01-011620

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	20.892	3074	3078	3083	rBV4	116393	177496	4.94%	0.717%
73	21.151	3116	3122	3125	rBV2	439662	746631	20.77%	3.018%
74	21.763	3223	3226	3231	rVB2	111094	140930	3.92%	0.570%
75	22.228	3302	3305	3311	rVB	151680	190943	5.31%	0.772%
76	22.739	3389	3392	3405	rVB	225631	398116	11.07%	1.609%
77	23.386	3498	3502	3508	rVB	244753	423570	11.78%	1.712%

Sum of corrected areas: 24742208

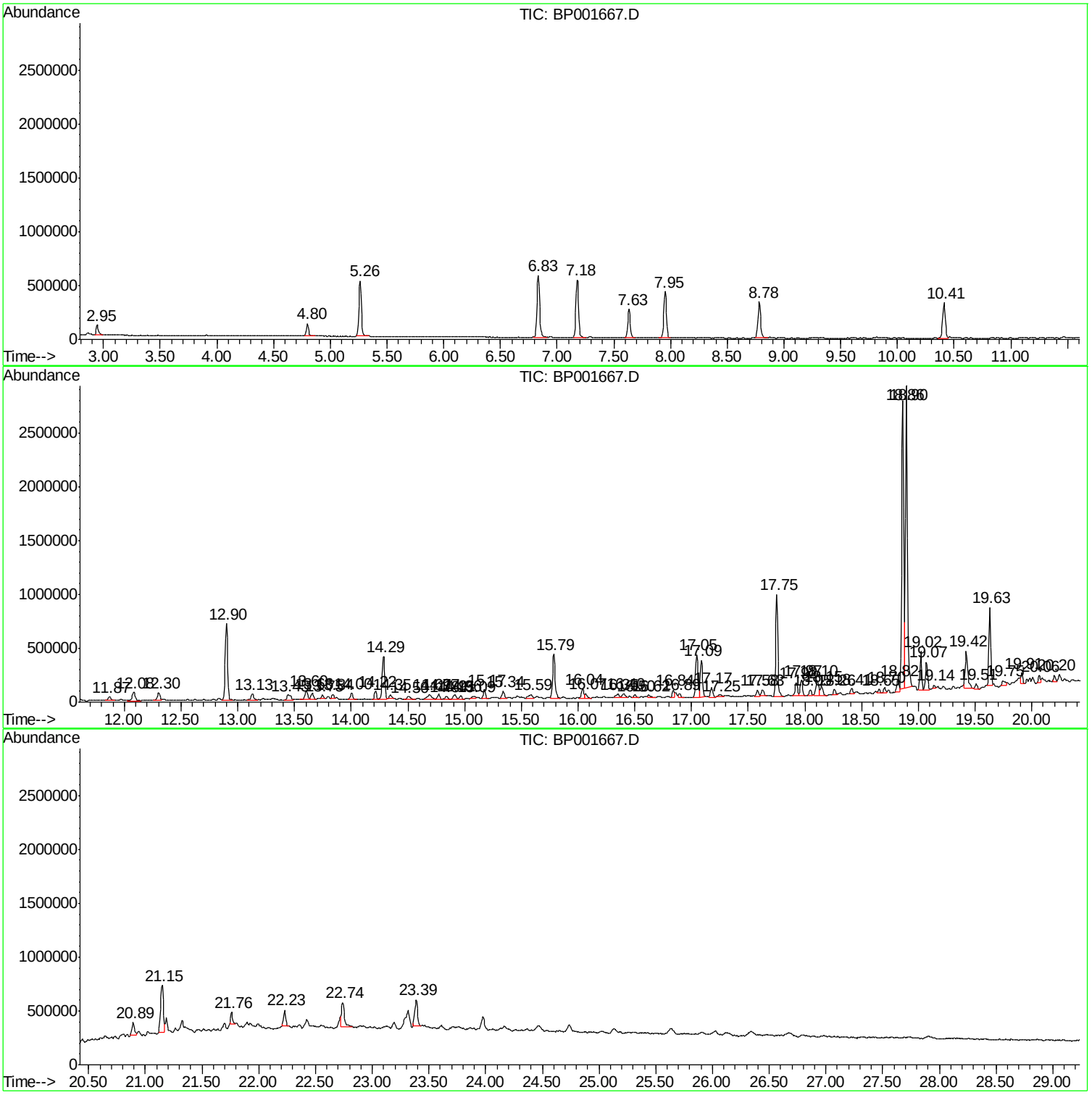
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001667.D
Acq On : 17 Jan 2020 20:42
Operator : JU
Sample : L1008-08 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-01-011620

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\BP011720\
Data File : BP001667.D
Acq On : 17 Jan 2020 20:42
Operator : JU
Sample : L1008-08 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-01-011620

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

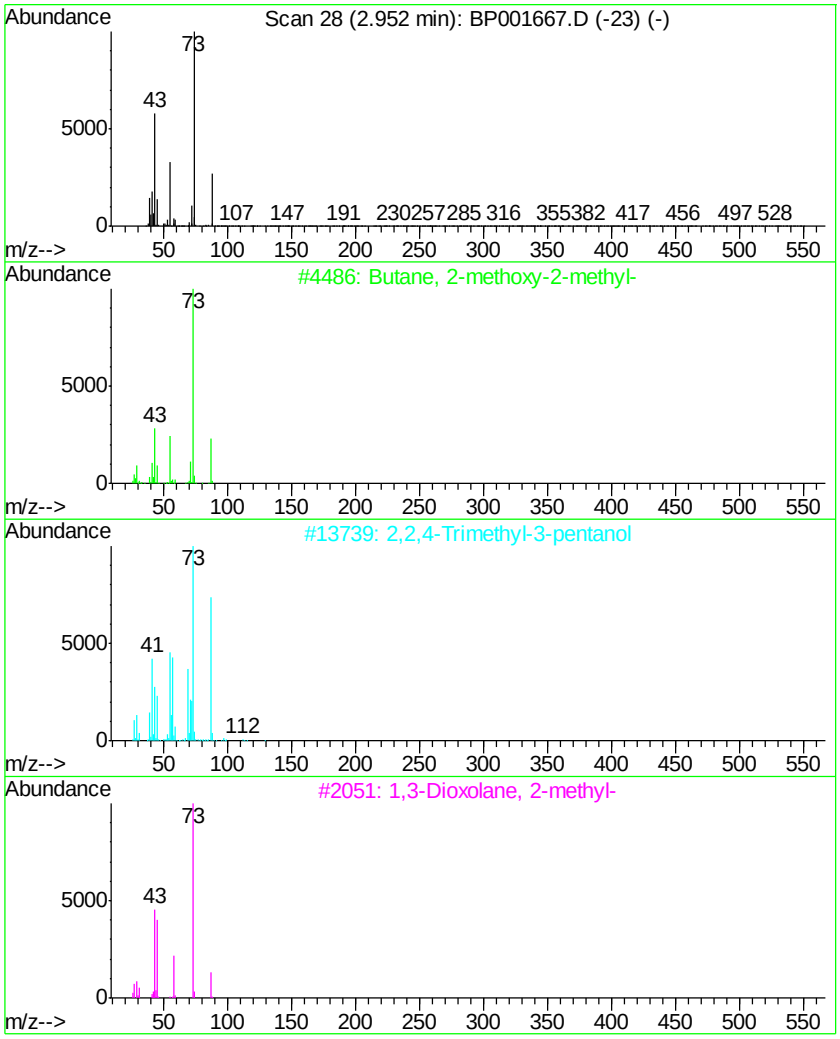
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

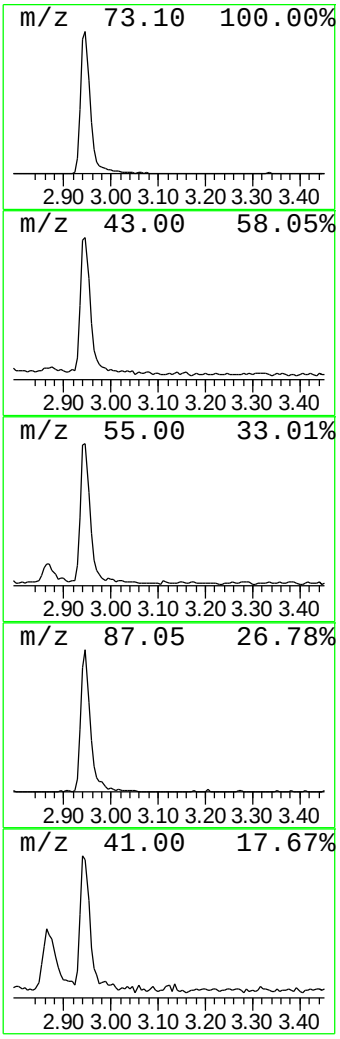
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	6.09 ng	127516	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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001667.D
Acq On : 17 Jan 2020 20:42
Operator : JU
Sample : L1008-08 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-01-011620

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

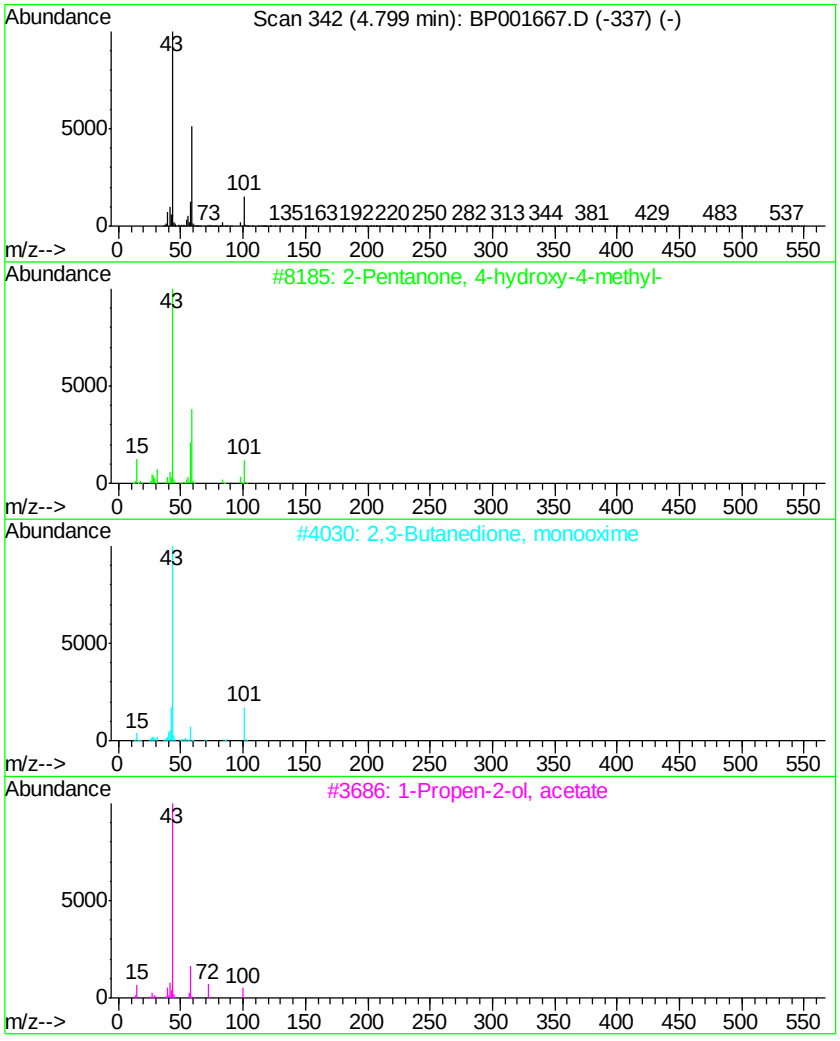
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

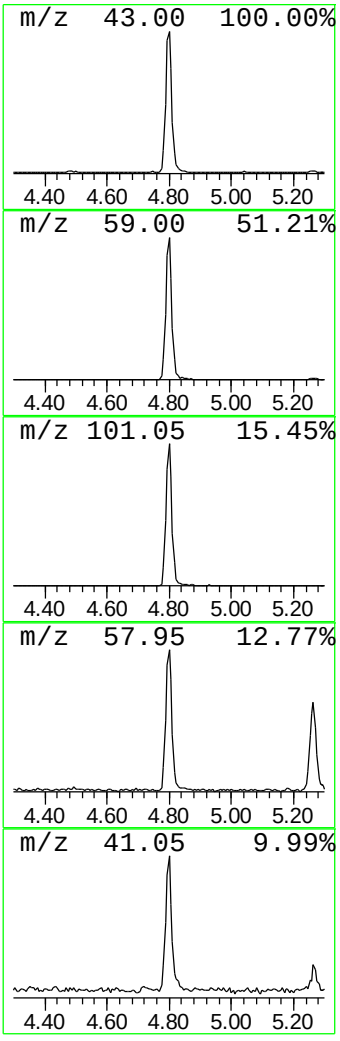
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	8.09 ng	169366	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	16
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001667.D
Acq On : 17 Jan 2020 20:42
Operator : JU
Sample : L1008-08 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-01-011620

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

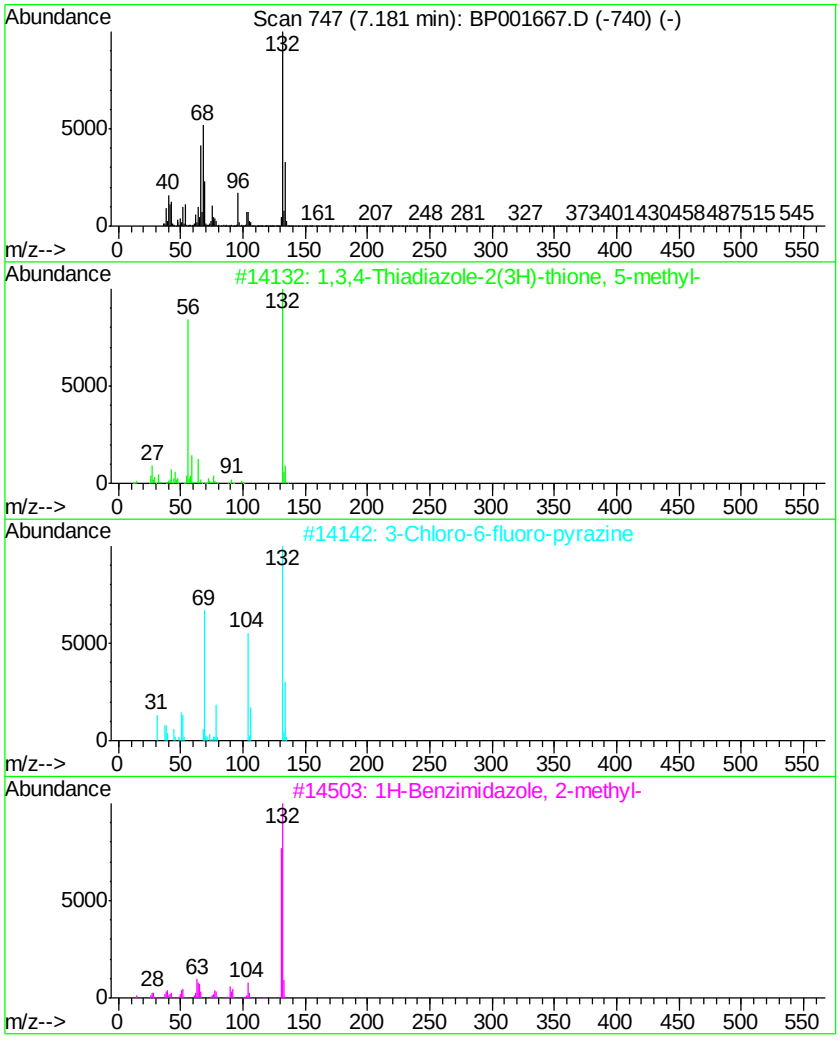
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

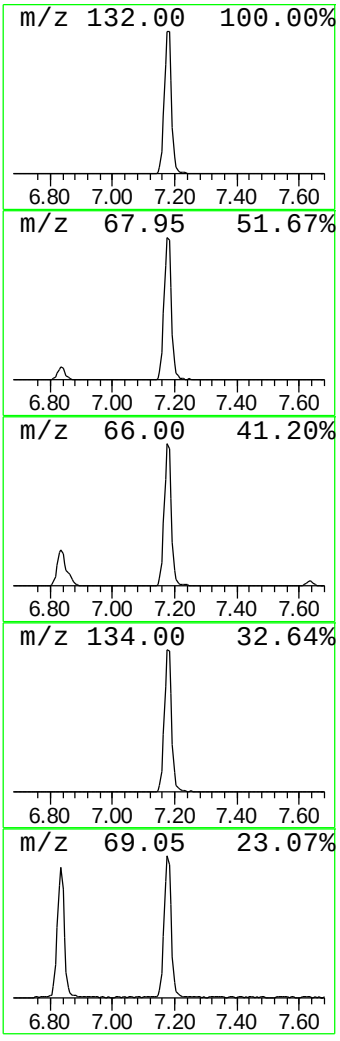
****

Peak Number 3 unknown7.18 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	41.50 ng	869214	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
4	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	10
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001667.D
Acq On : 17 Jan 2020 20:42
Operator : JU
Sample : L1008-08 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-01-011620

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

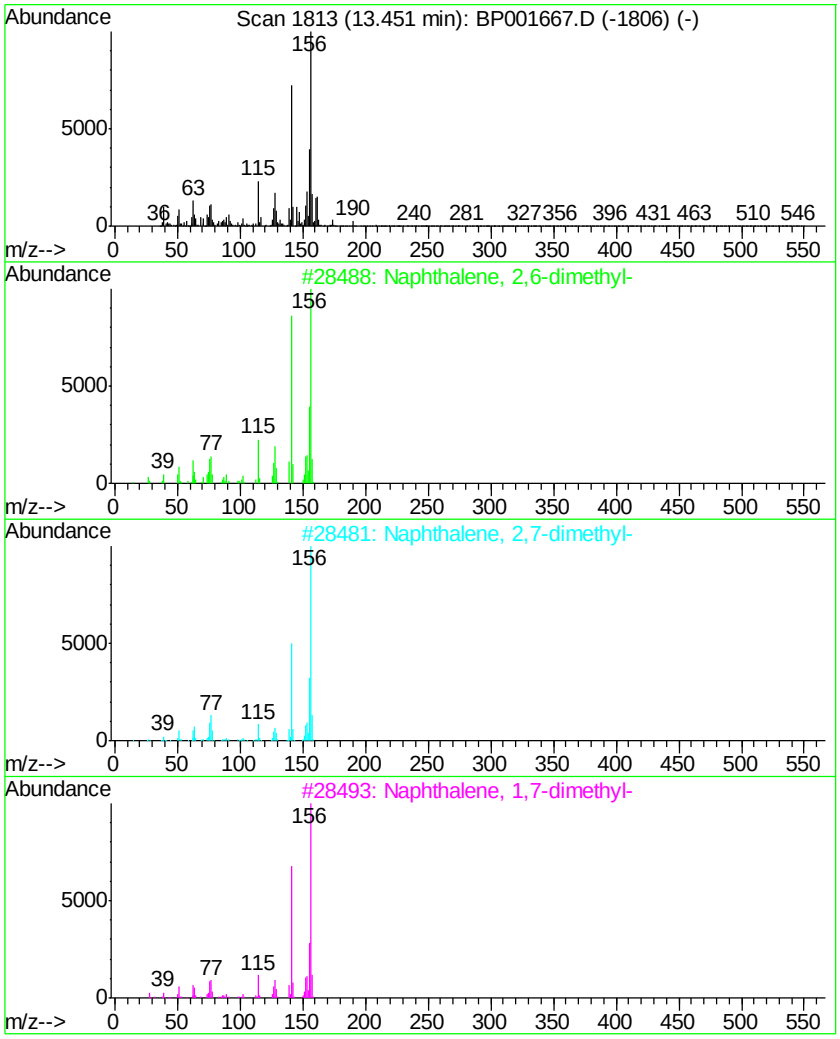
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

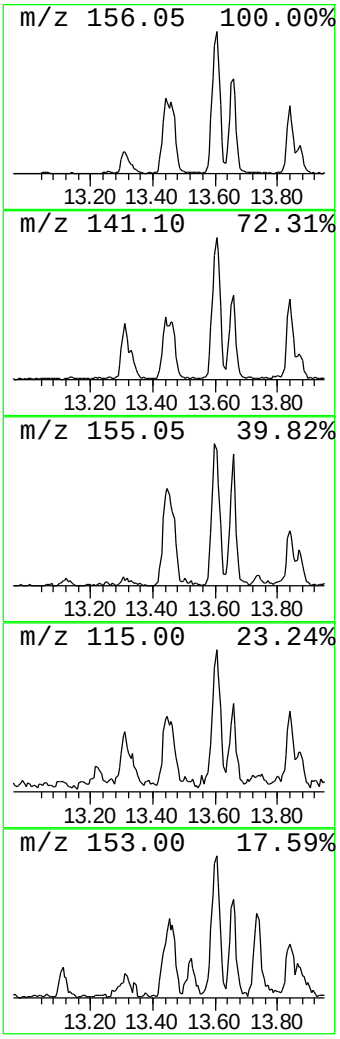
****

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	3.95 ng	124004	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001667.D
Acq On : 17 Jan 2020 20:42
Operator : JU
Sample : L1008-08 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-01-011620

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

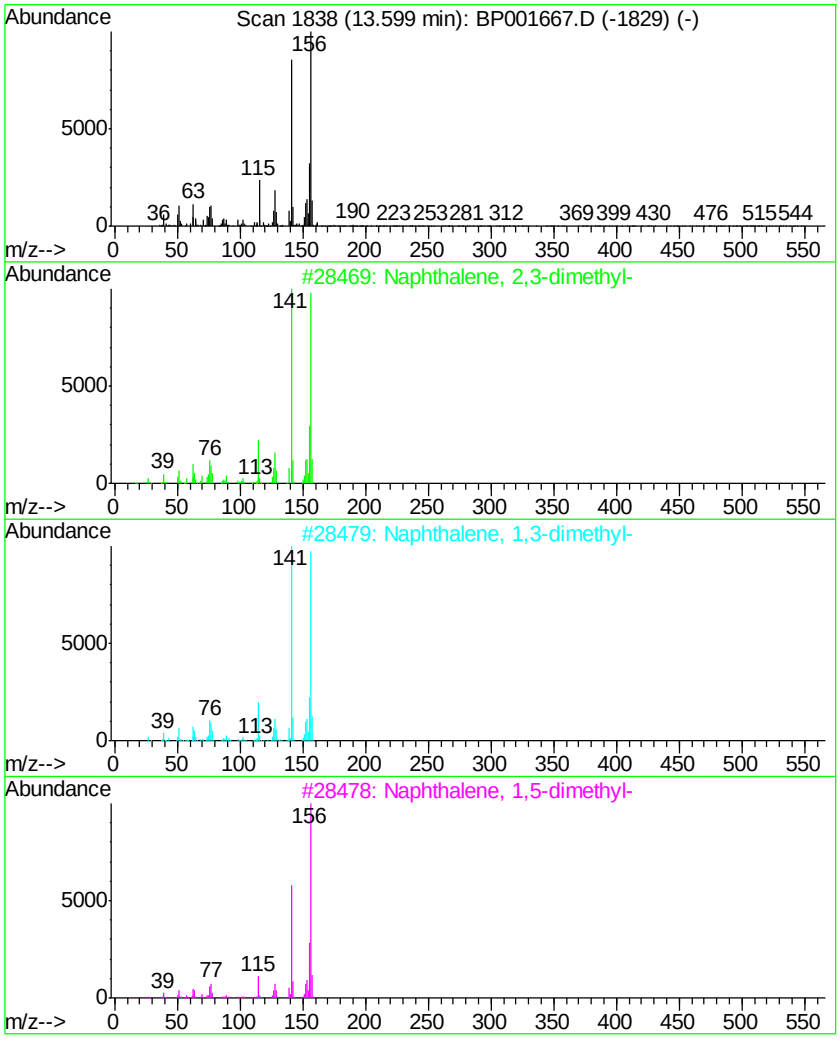
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

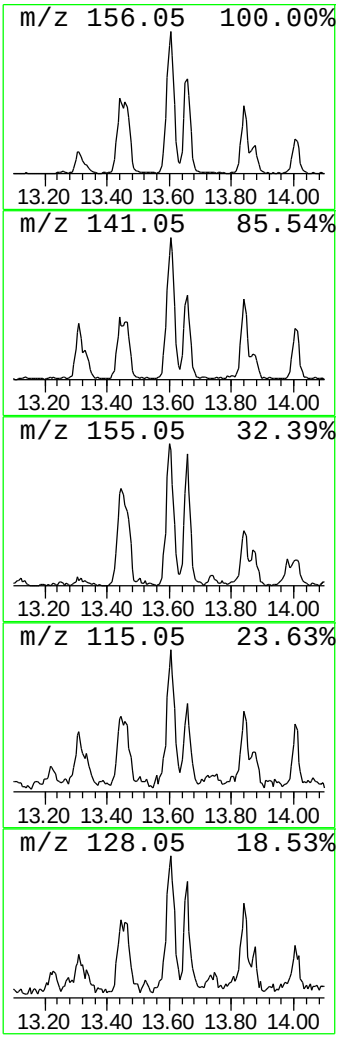
****

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	4.68 ng	146767	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001667.D
Acq On : 17 Jan 2020 20:42
Operator : JU
Sample : L1008-08 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-01-011620

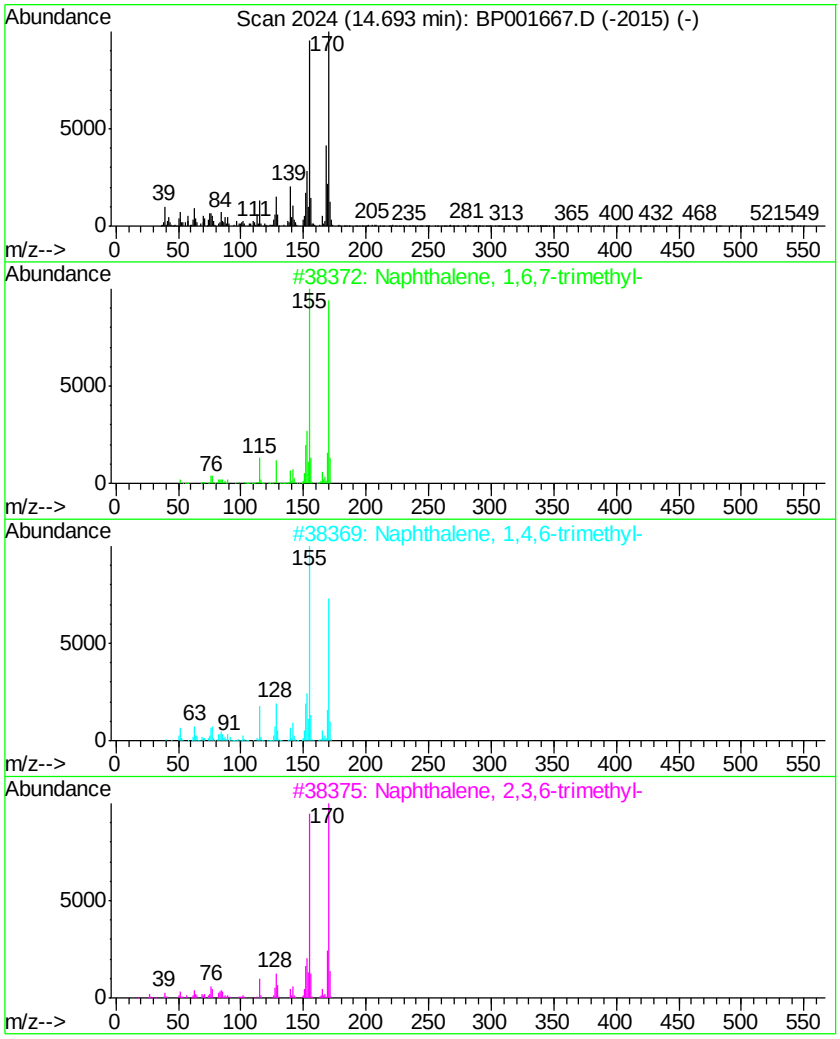
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

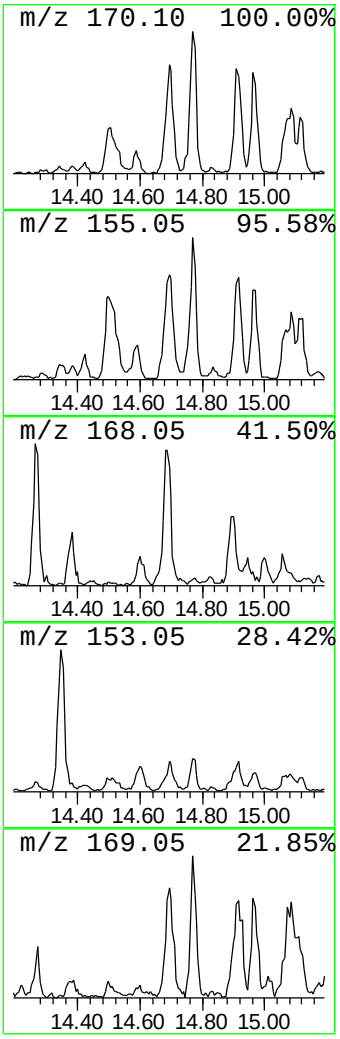
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,6,7-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	3.33 ng	104476	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	89
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	89





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Data File : BP001667.D
Acq On : 17 Jan 2020 20:42
Operator : JU
Sample : L1008-08 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-01-011620

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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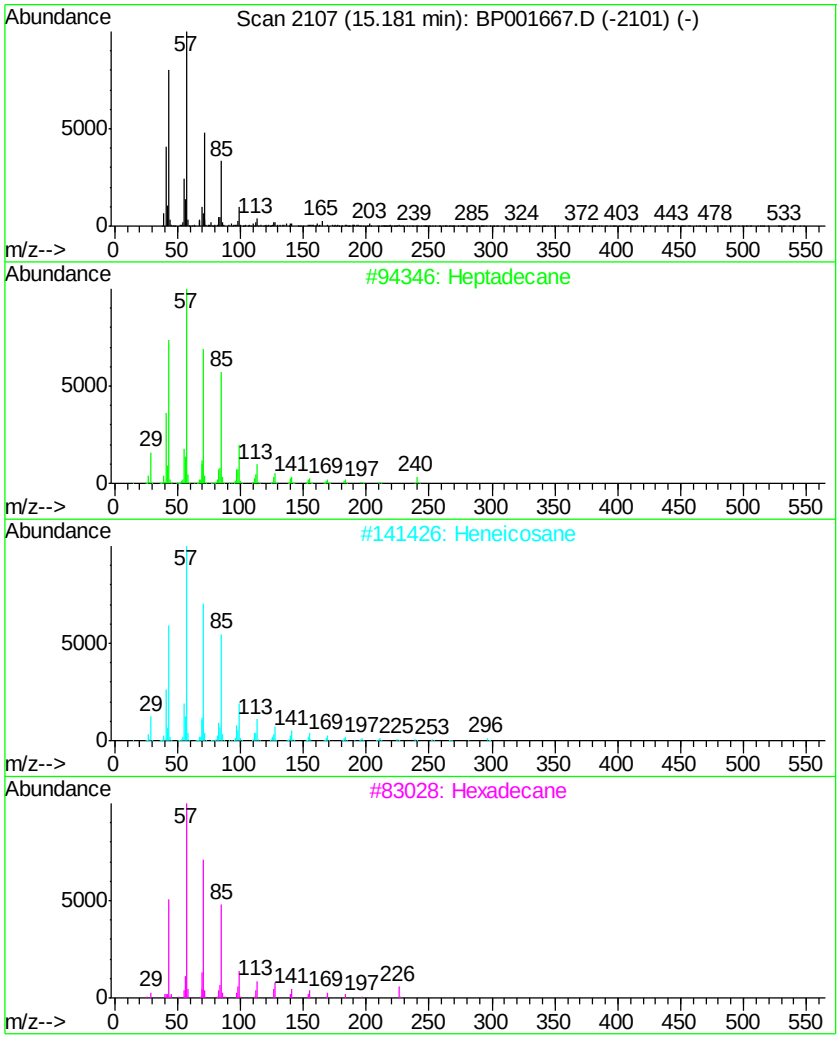
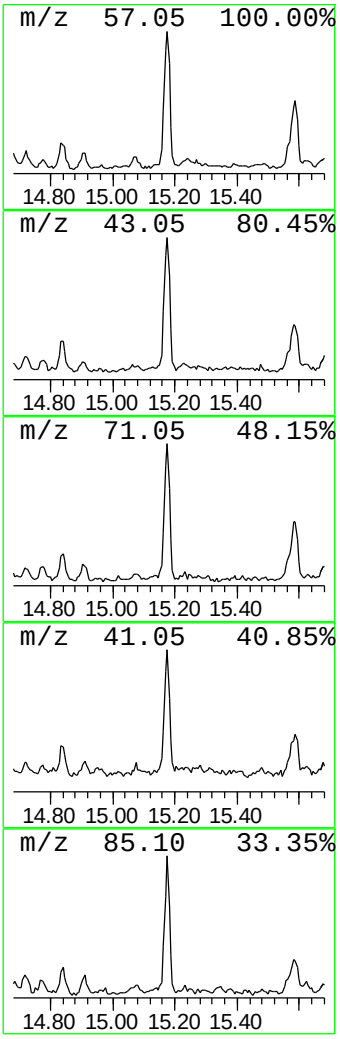
Peak Number 8 Heptadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	3.48 ng	109113	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexadecane	226	C16H34	000544-76-3	81
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	81
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72





Library Search Compound Report

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Data File : BP001667.D
Acq On : 17 Jan 2020 20:42
Operator : JU
Sample : L1008-08 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-01-011620

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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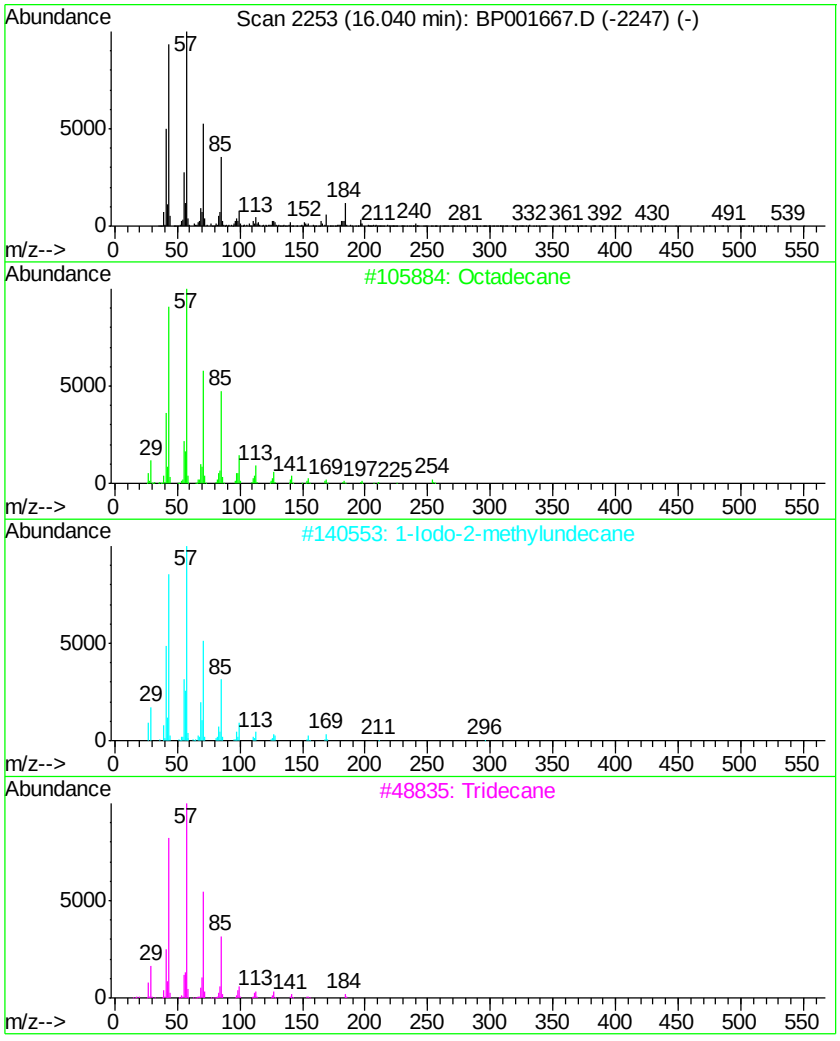
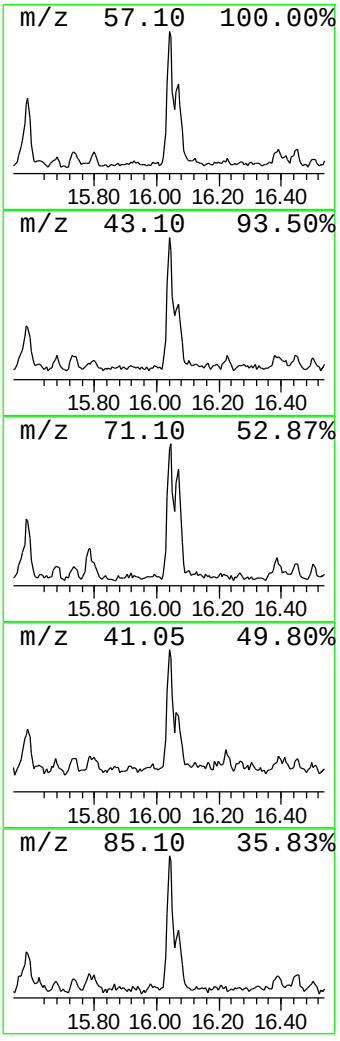
Peak Number 9 Octadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	4.36 ng	125459	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90
3	Tridecane	184	C13H28	000629-50-5	83
4	Heptadecane	240	C17H36	000629-78-7	81
5	1-Iodoundecane	282	C11H23I	004282-44-4	76





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Data File : BP001667.D
Acq On : 17 Jan 2020 20:42
Operator : JU
Sample : L1008-08 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-01-011620

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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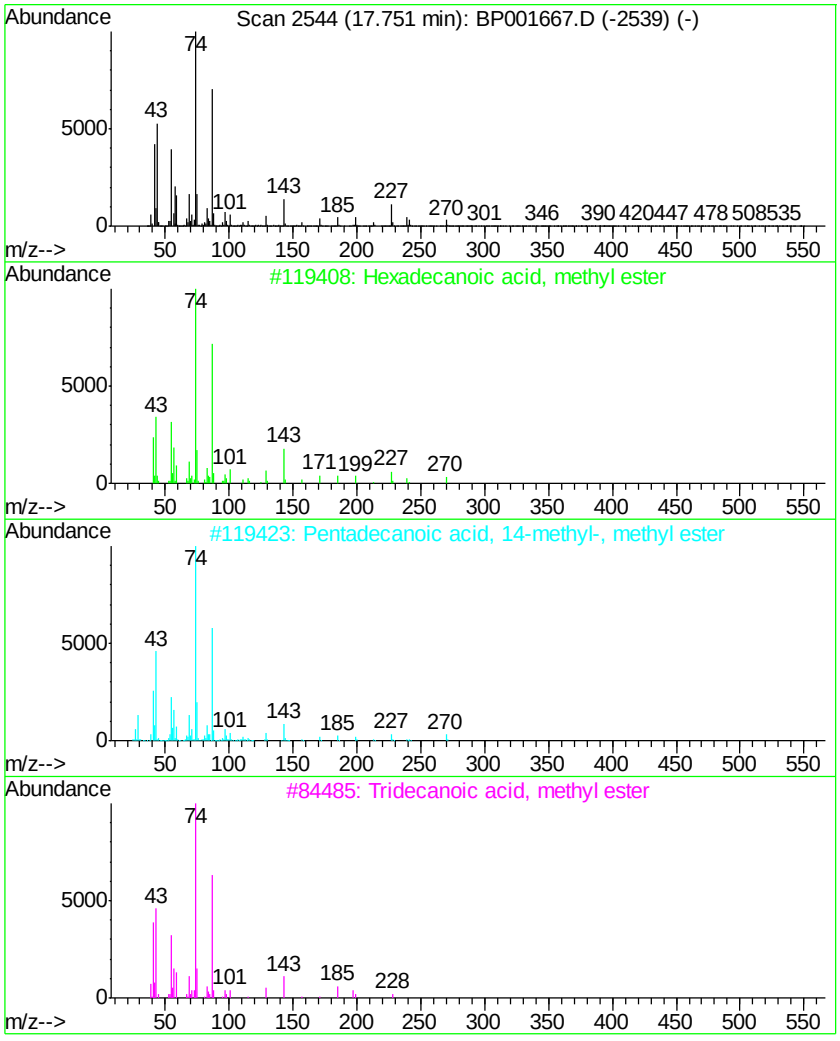
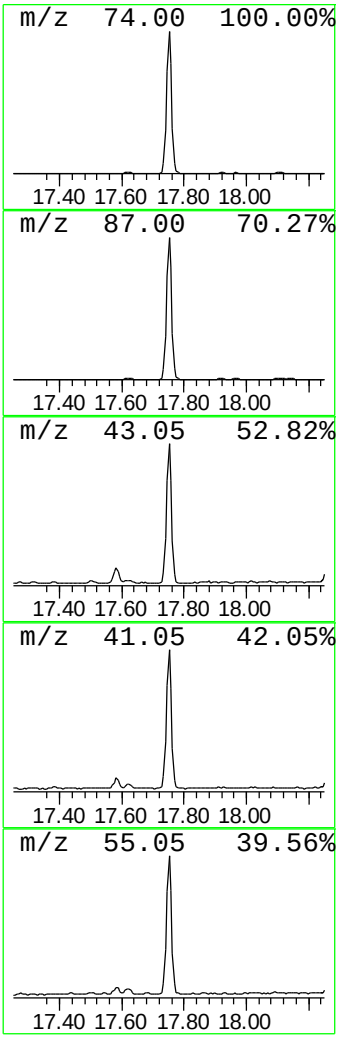
Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	40.18 ng	1157430	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	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
4	Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	87
5	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011720\
Data File : BP001667.D
Acq On : 17 Jan 2020 20:42
Operator : JU
Sample : L1008-08 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-01-011620

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

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

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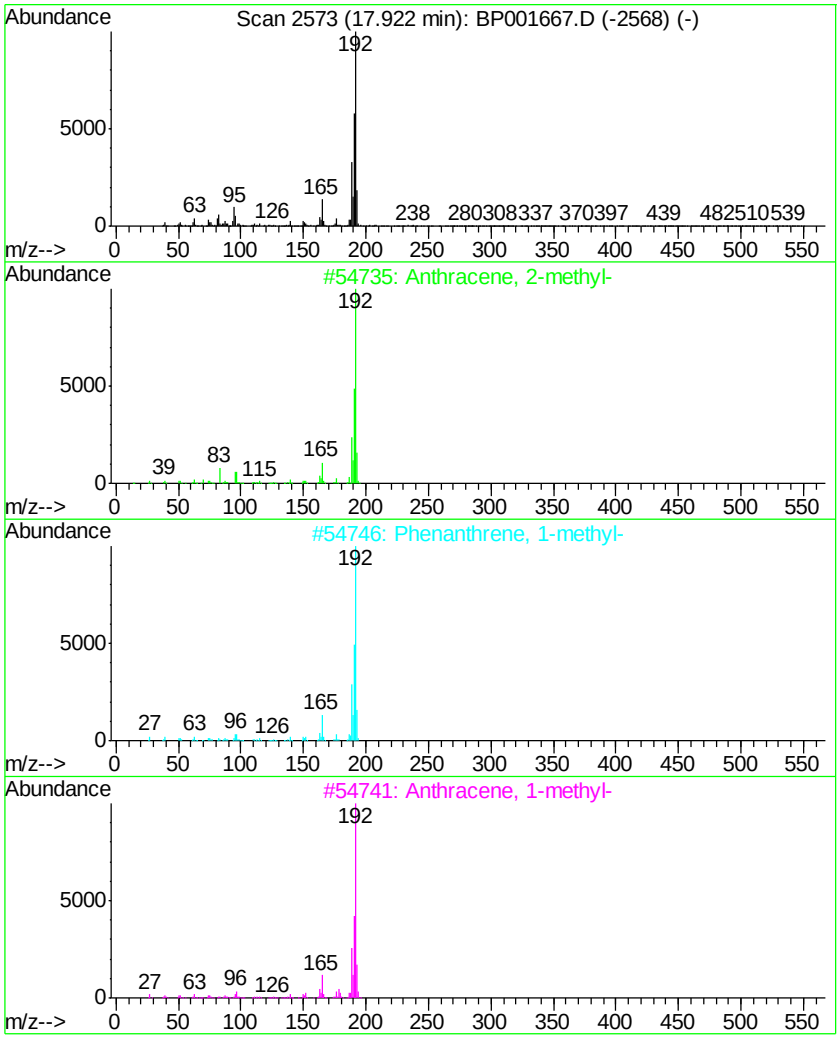
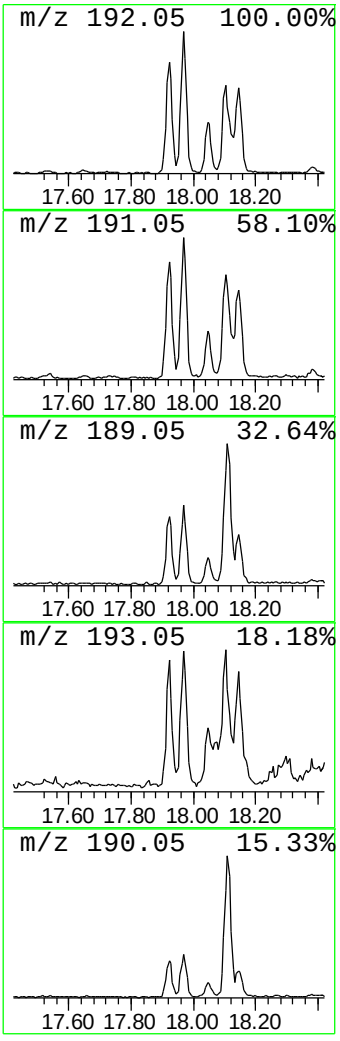
Peak Number 11 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	5.92 ng	170492	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Data File : BP001667.D
Acq On : 17 Jan 2020 20:42
Operator : JU
Sample : L1008-08 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-01-011620

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

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

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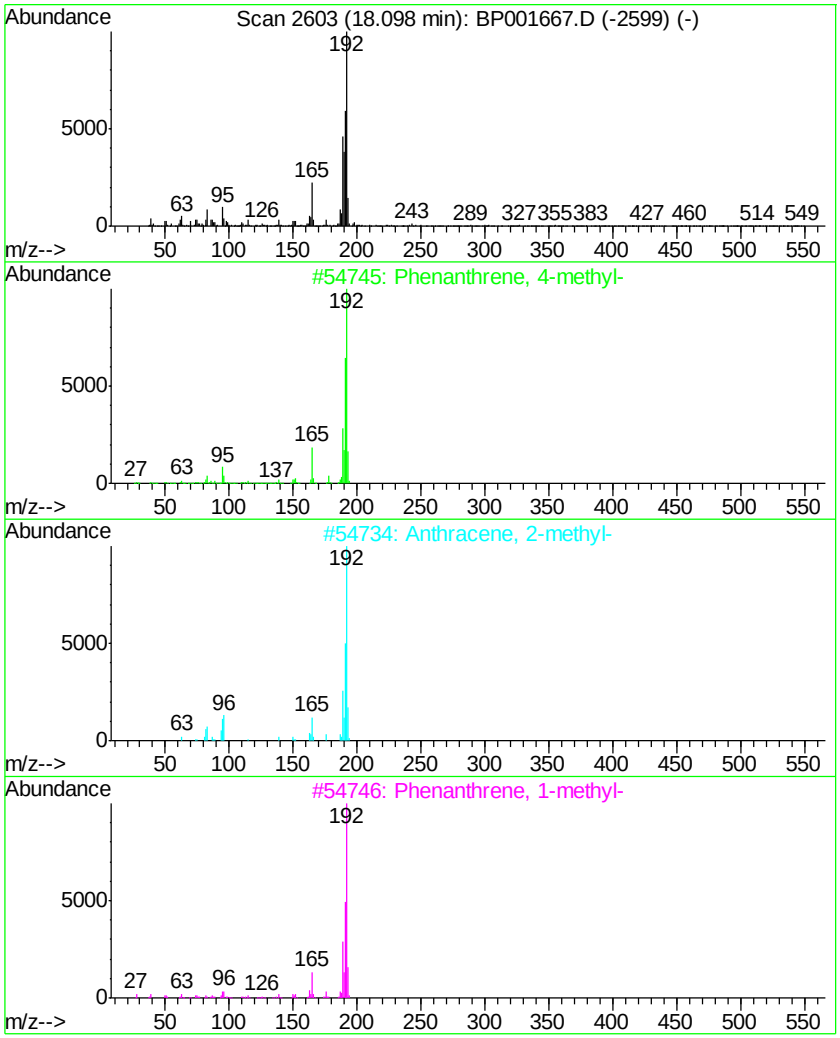
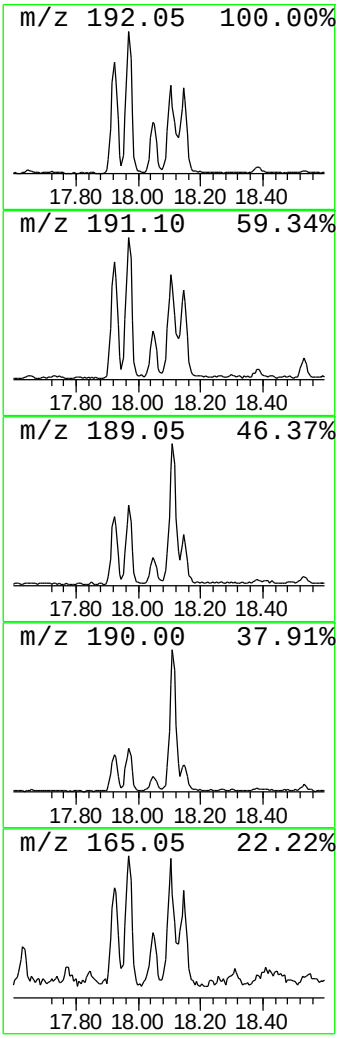
Peak Number 13 Phenanthrene, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	8.83 ng	254351	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	92
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	60
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60





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Data File : BP001667.D
Acq On : 17 Jan 2020 20:42
Operator : JU
Sample : L1008-08 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-01-011620

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

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

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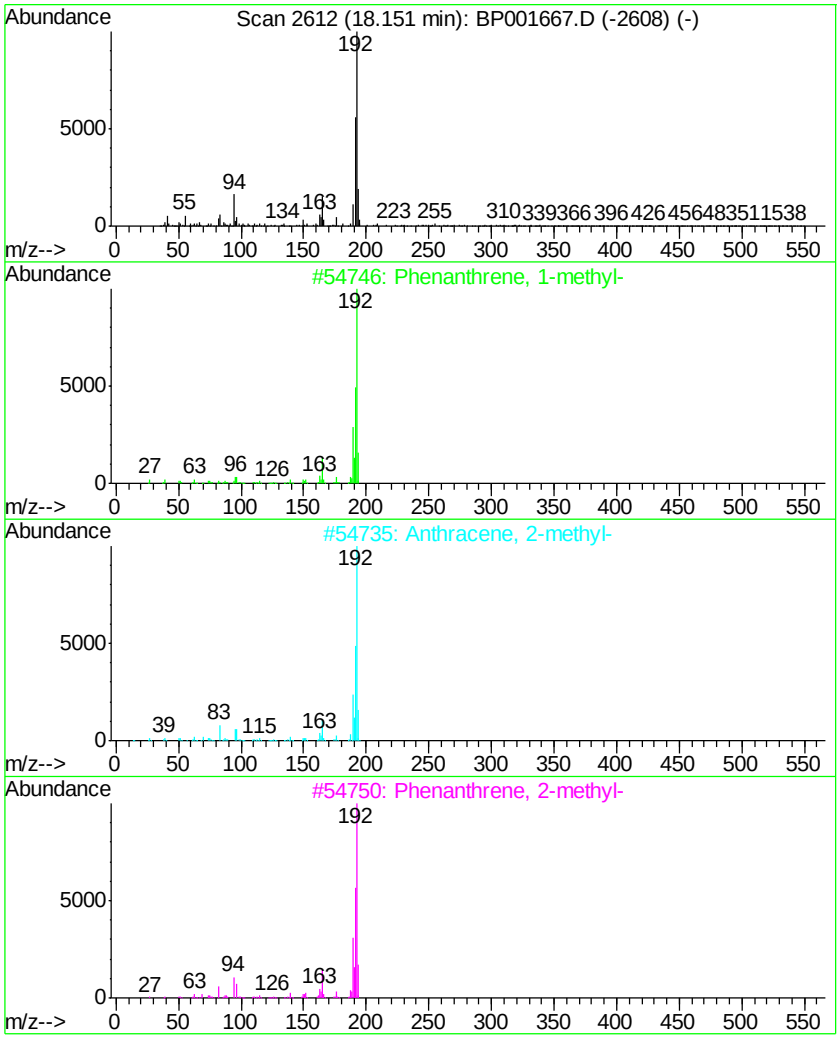
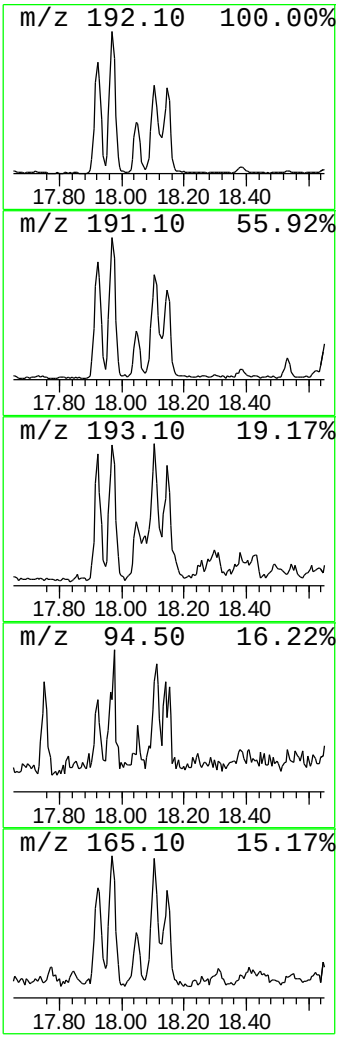
Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	4.76 ng	137115	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	87





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Acq On : 17 Jan 2020 20:42
Operator : JU
Sample : L1008-08 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-01-011620

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

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

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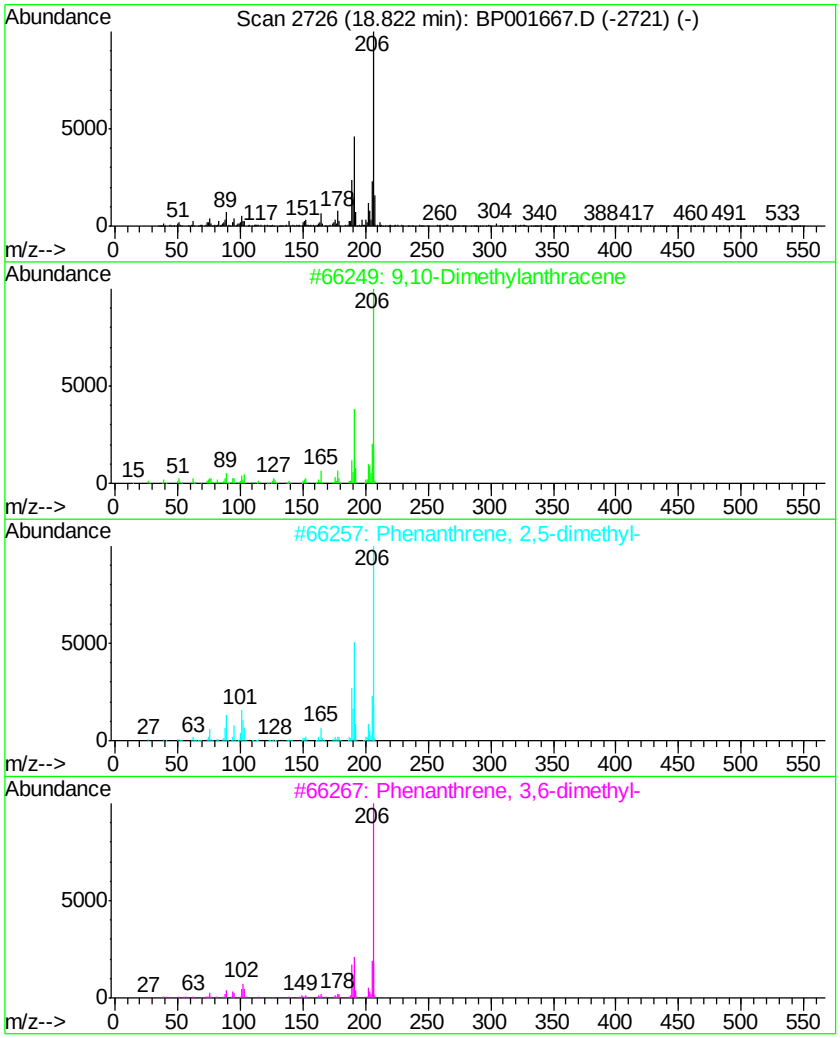
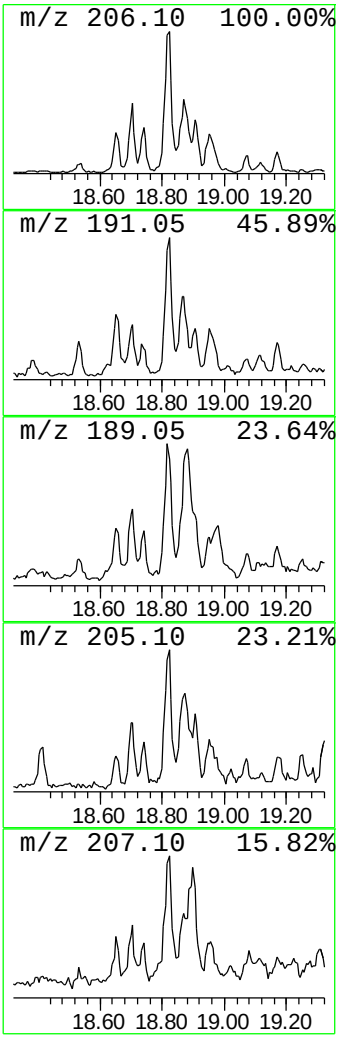
Peak Number 15 9,10-Dimethylanthracene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	5.45 ng	156922	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89





Library Search Compound Report

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Acq On : 17 Jan 2020 20:42
Operator : JU
Sample : L1008-08 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-01-011620

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

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

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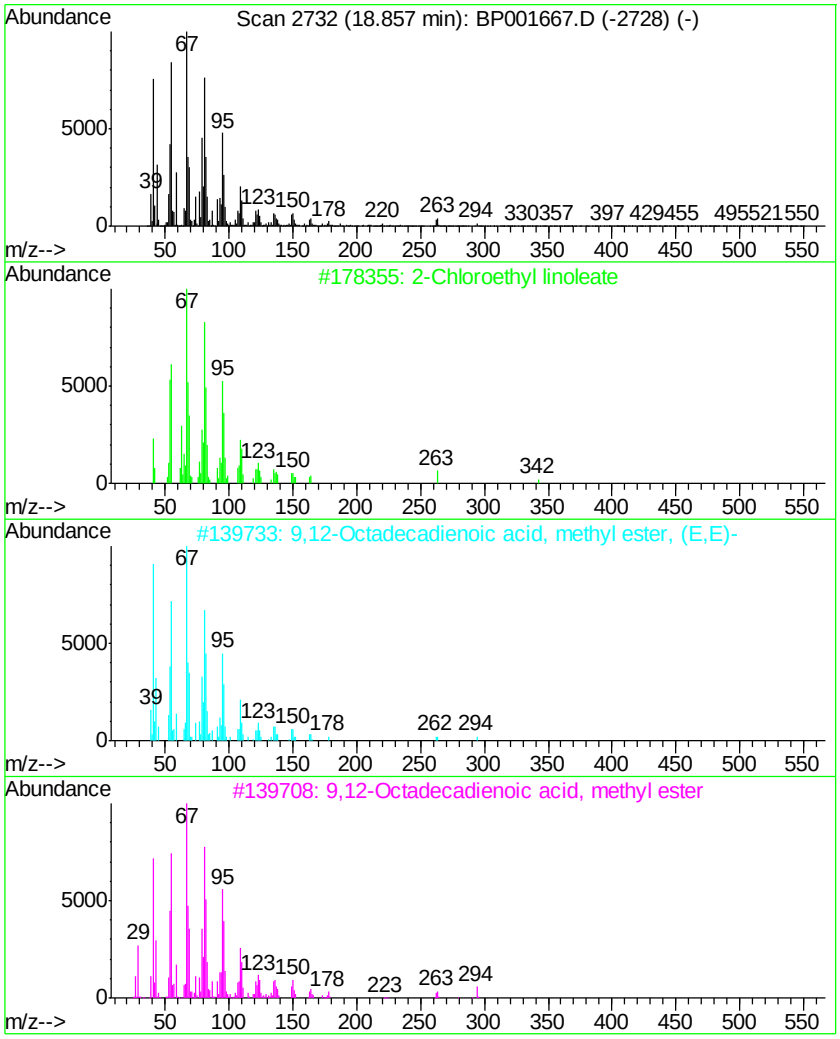
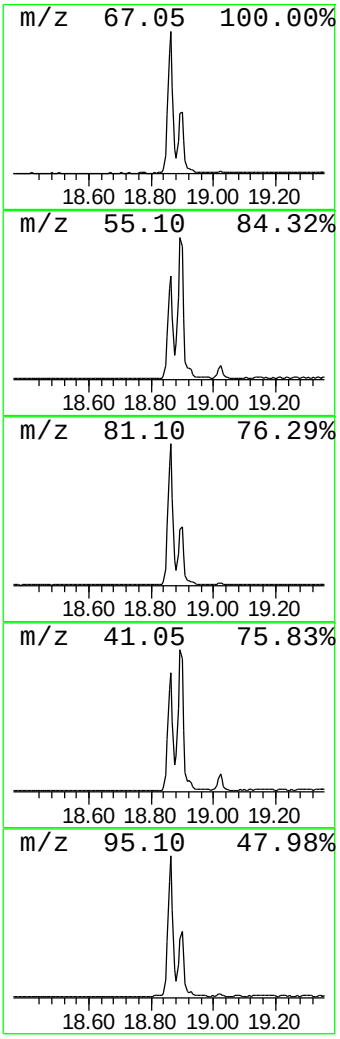
Peak Number 16 2-Chloroethyl linoleate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	105.00 ng	3024750	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	98
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	97





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Operator : JU
Sample : L1008-08 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-01-011620

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

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

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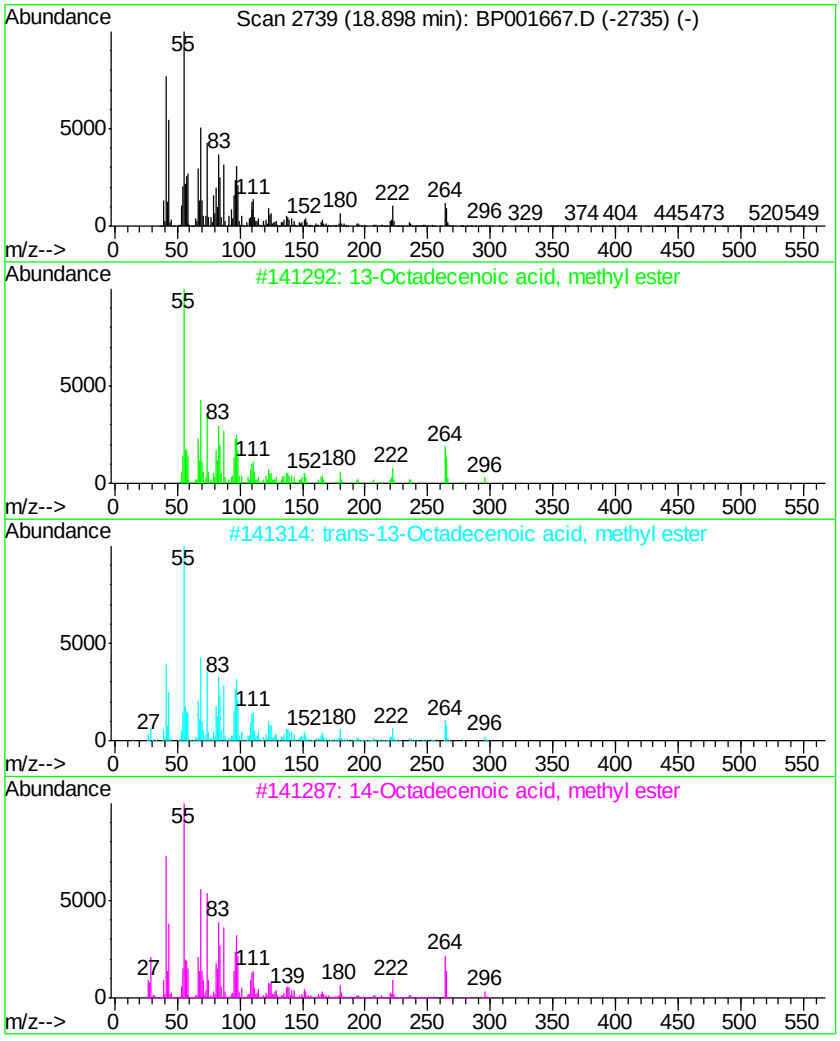
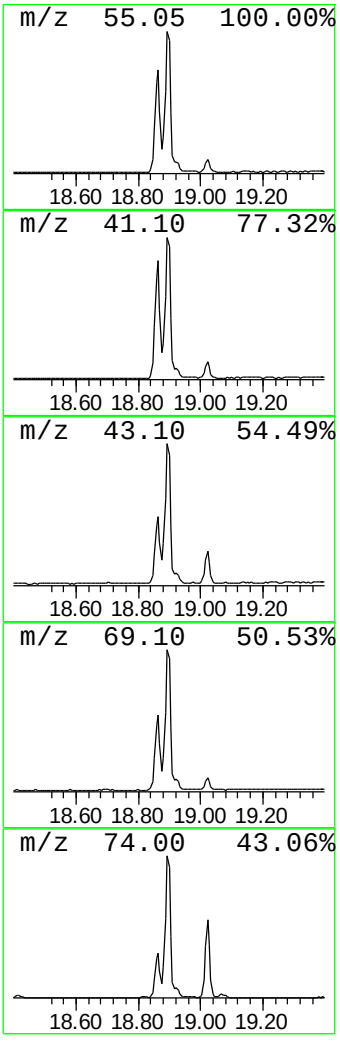
Peak Number 17 13-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	124.81 ng	3595270	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
2	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	94
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	91
4	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	91
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	91





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Data File : BP001667.D
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Operator : JU
Sample : L1008-08 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-01-011620

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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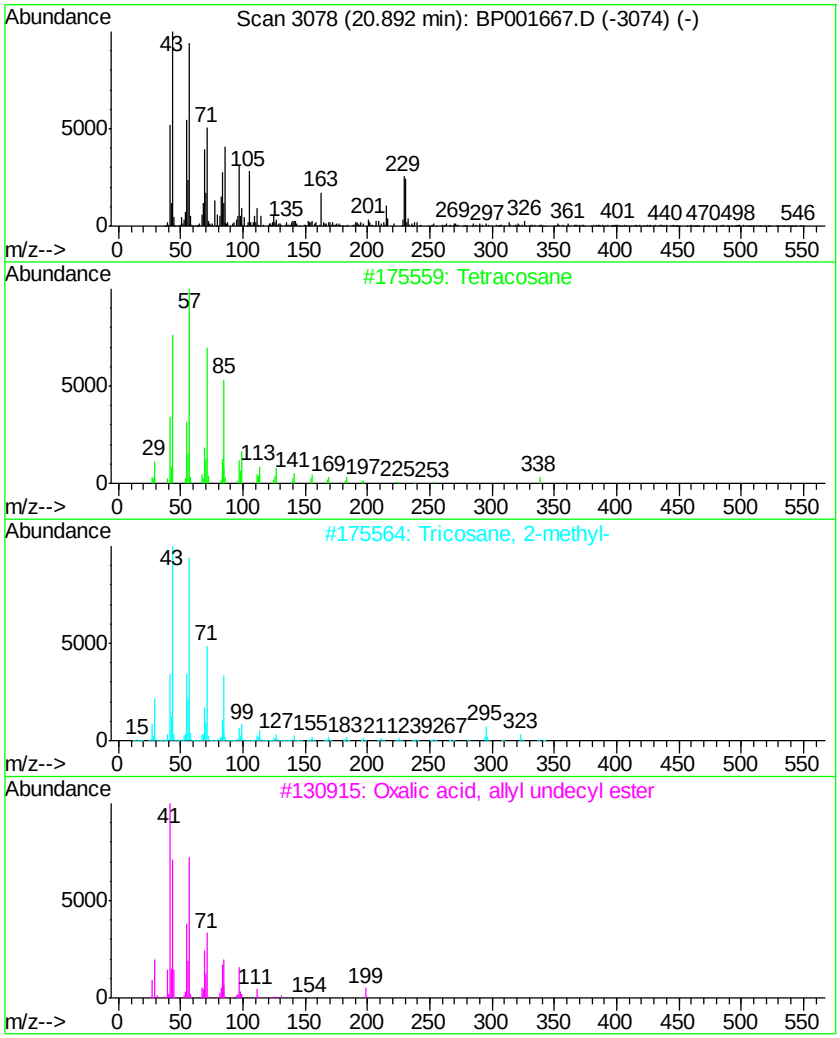
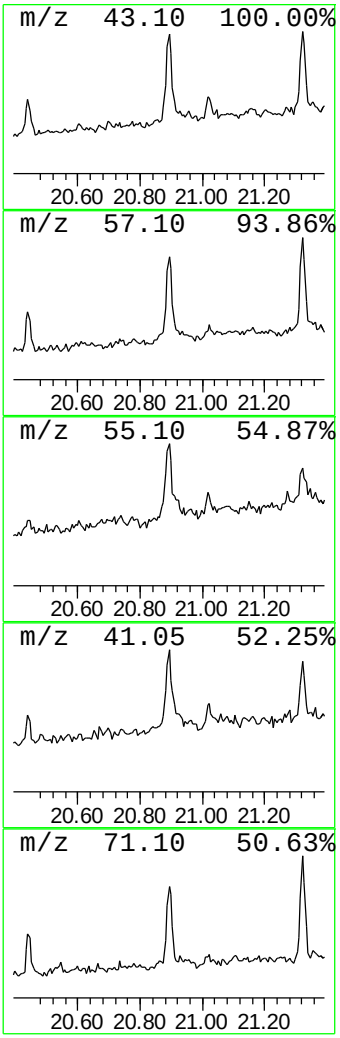
Peak Number 18 Tetracosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	4.75 ng	177496	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	50
2	Tricosane, 2-methyl-	338	C24H50	001928-30-9	50
3	Oxalic acid, allyl undecyl ester	284	C16H28O4	1000309-23-9	49
4	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	49
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	49





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Operator : JU
Sample : L1008-08 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-01-011620

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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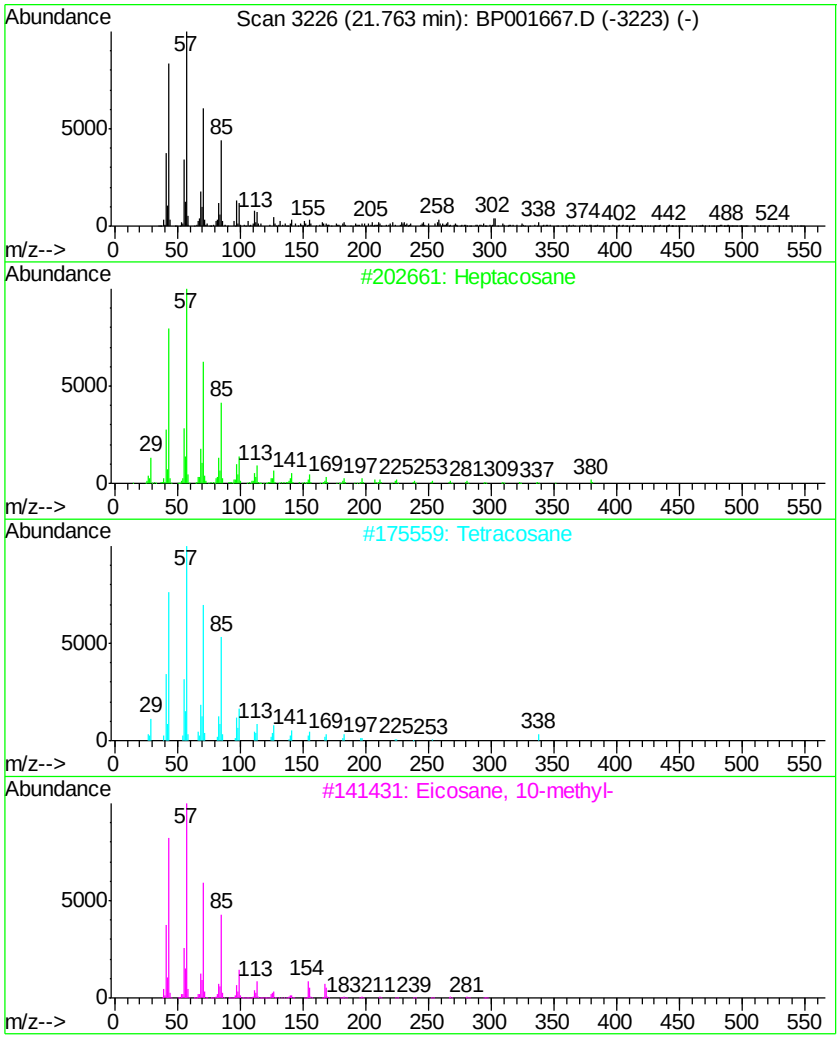
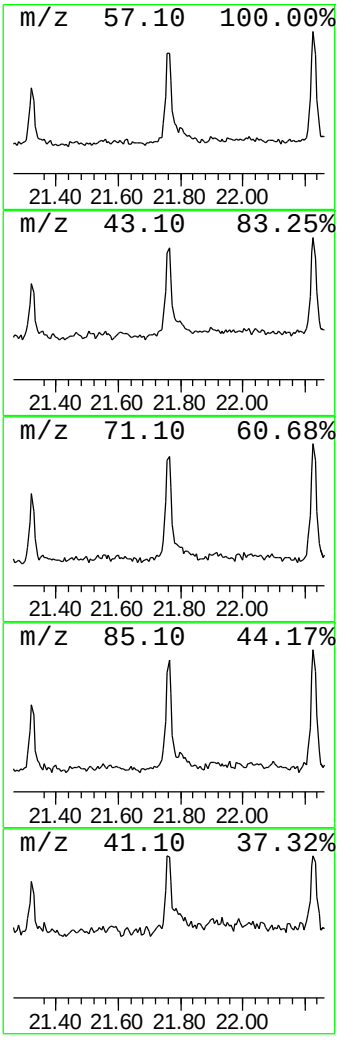
Peak Number 19 Heptacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	3.78 ng	140930	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	93
2	Tetracosane	338	C24H50	000646-31-1	93
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	89
5	Nonacosane	408	C29H60	000630-03-5	87





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Data File : BP001667.D
Acq On : 17 Jan 2020 20:42
Operator : JU
Sample : L1008-08 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-01-011620

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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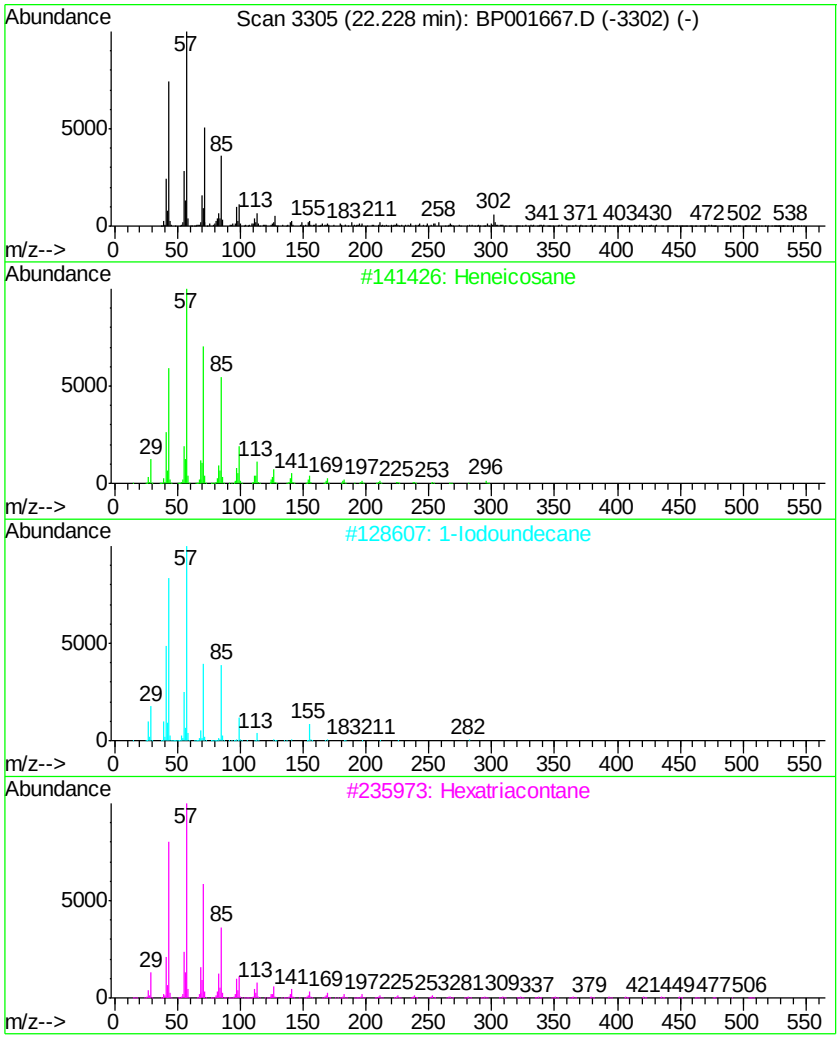
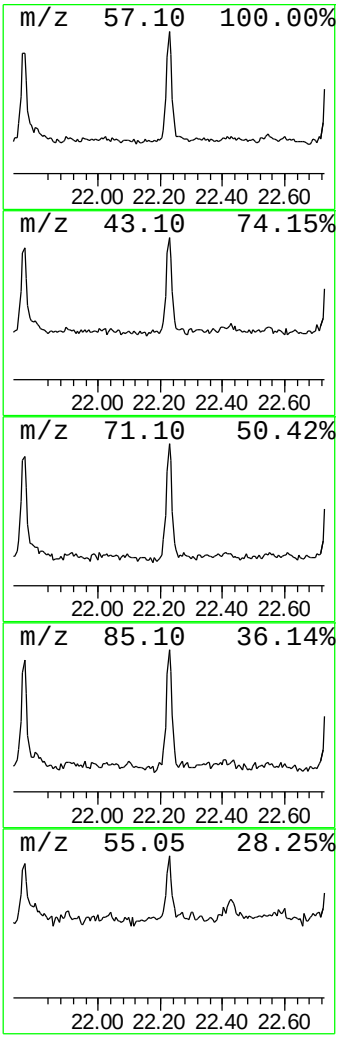
Peak Number 20 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.23	5.11 ng	190943	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	1-Iodoundecane	282	C11H23I	004282-44-4	93
3	Hexatriacontane	507	C36H74	000630-06-8	91
4	Octadecane	254	C18H38	000593-45-3	90
5	Docosane, 11-decyl-	451	C32H66	055401-55-3	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP011720\
Data File : BP001667.D
Acq On : 17 Jan 2020 20:42
Operator : JU
Sample : L1008-08 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-01-011620

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	6.1	ng	127516	1	7.63	418894	20.0
2-Pentanone, 4-hy...	4.80	8.1	ng	169366	1	7.63	418894	20.0
unknown7.18	7.18	41.5	ng	869214	1	7.63	418894	20.0
Naphthalene, 2,6-...	13.45	4.0	ng	124004	3	14.29	627360	20.0
Naphthalene, 2,3-...	13.60	4.7	ng	146767	3	14.29	627360	20.0
Naphthalene, 1,6,...	14.69	3.3	ng	104476	3	14.29	627360	20.0
Heptadecane	15.18	3.5	ng	109113	3	14.29	627360	20.0
Octadecane	16.04	4.4	ng	125459	4	17.05	576131	20.0
Hexadecanoic acid...	17.75	40.2	ng	1157430	4	17.05	576131	20.0
Anthracene, 2-met...	17.92	5.9	ng	170492	4	17.05	576131	20.0
Phenanthrene, 4-m...	18.10	8.8	ng	254351	4	17.05	576131	20.0
Phenanthrene, 1-m...	18.15	4.8	ng	137115	4	17.05	576131	20.0
9,10-Dimethylanth...	18.82	5.5	ng	156922	4	17.05	576131	20.0
2-Chloroethyl lin...	18.86	105.0	ng	3024750	4	17.05	576131	20.0
13-Octadecenoic a...	18.90	124.8	ng	3595270	4	17.05	576131	20.0
Tetracosane	20.89	4.8	ng	177496	5	21.15	746631	20.0
Heptacosane	21.76	3.8	ng	140930	5	21.15	746631	20.0
Heneicosane	22.23	5.1	ng	190943	5	21.15	746631	20.0