LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001641.D
Acq On : 16 Jan 2020 22:38
Operator : JU
Sample : L1148-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-30-(3-5)

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	2.864	9	13	19	rBV2	26892	49270	2.73%	0.246%
2	2.946	23	27	41	rVB	254142	327421	18.12%	1.633%
3	4.793	336	341	348	rBV	154427	207169	11.47%	1.033%
4	5.258	414	420	430	rBV	675902	958249	53.03%	4.779%
5	5.652	482	487	495	rVB2	20873	37701	2.09%	0.188%
6	6.828	679	687	703	rBV	723530	1172167	64.87%	5.845%
7	7.169	738	745	759	rBV	678470	1085158	60.06%	5.411%
8	7.299	761	767	777	rVB3	17489	34758	1.92%	0.173%
9	7.628	816	823	833	rBV	177911	273674	15.15%	1.365%
10	7.946	870	877	889	rVB	520516	813827	45.04%	4.058%
11	8.157	908	913	922	rVB	14530	28648	1.59%	0.143%
12	8.775	1007	1018	1032	rBV	440207	730704	40.44%	3.644%
13	9.434	1125	1130	1139	rVB	19399	33217	1.84%	0.166%
14	10.404	1287	1295	1300	rBV	207978	343644	19.02%	1.714%
15	10.451	1300	1303	1310	rVB	18532	29666	1.64%	0.148%
16	10.922	1374	1383	1389	rBV2	10425	20050	1.11%	0.100%
17	11.051	1399	1405	1412	rBV4	12872	23557	1.30%	0.117%
18	12.075	1571	1579	1583	rBV4	8927	23566	1.30%	0.118%
19	12.892	1711	1718	1729	rBV	916764	1332601	73.75%	6.645%
20	13.198	1761	1770	1775	rBV4	19693	36629	2.03%	0.183%
21	13.740	1851	1862	1868	rBV	96608	143433	7.94%	0.715%
22	13.992	1899	1905	1911	rBV	38782	60464	3.35%	0.302%
23	14.145	1925	1931	1936	rBV3	14719	28746	1.59%	0.143%
24	14.275	1947	1953	1960	rBV	311934	456428	25.26%	2.276%
25	15.334	2126	2133	2141	rVB4	12910	26080	1.44%	0.130%
26	15.781	2198	2209	2220	rBV	847756	1259878	69.73%	6.283%
27	16.192	2275	2279	2289	rVB7	18828	30234	1.67%	0.151%
28	16.692	2360	2364	2369	rBV3	13388	22322	1.24%	0.111%
29	16.851	2385	2391	2395	rBV2	22116	43482	2.41%	0.217%
30	17.039	2417	2423	2427	rBV	383464	557267	30.84%	2.779%
31	17.081	2427	2430	2436	rVB	149869	195775	10.84%	0.976%
32	17.169	2441	2445	2451	rVB	42943	59568	3.30%	0.297%
33	17.580	2511	2515	2518	rVB2	15488	19669	1.09%	0.098%
34	17.916	2568	2572	2576	rBV	21179	29438	1.63%	0.147%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001641.D
Acq On : 16 Jan 2020 22:38
Operator : JU
Sample : L1148-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-30-(3-5)

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	17.969	2576	2581	2588	rBV2	100796	153692	8.51%	0.766%
36	18.098	2599	2603	2608	rBV2	32223	54845	3.04%	0.273%
37	18.257	2627	2630	2634	rBV2	18818	21516	1.19%	0.107%
38	18.404	2652	2655	2658	rBV2	16510	18125	1.00%	0.090%
39	18.439	2658	2661	2668	rVB6	13902	22342	1.24%	0.111%
40	18.810	2720	2724	2728	rBV2	38971	57294	3.17%	0.286%
41	18.869	2732	2734	2738	rVB	25014	30595	1.69%	0.153%
42	18.945	2743	2747	2752	rBV3	18932	33846	1.87%	0.169%
43	19.063	2762	2767	2774	rVB	247887	321931	17.82%	1.605%
44	19.210	2788	2792	2797	rBV	66260	87437	4.84%	0.436%
45	19.298	2804	2807	2819	rVB2	35102	77398	4.28%	0.386%
46	19.416	2819	2827	2836	rBV	303614	462712	25.61%	2.307%
47	19.627	2855	2863	2868	rBV	1508168	1806832	100.00%	9.010%
48	20.057	2933	2936	2939	rBV2	33724	36483	2.02%	0.182%
49	20.192	2957	2959	2963	rVB	27178	27883	1.54%	0.139%
50	20.239	2963	2967	2971	rBV3	32201	42690	2.36%	0.213%
51	20.604	3025	3029	3033	rBV	166964	174322	9.65%	0.869%
52	20.792	3058	3061	3065	rBV	40947	50375	2.79%	0.251%
53	20.833	3065	3068	3071	rBV2	29762	28158	1.56%	0.140%
54	20.886	3071	3077	3088	rBV2	600874	899050	49.76%	4.483%
55	21.139	3114	3120	3124	rBV3	530883	857373	47.45%	4.275%
56	21.180	3124	3127	3134	rVB	127880	174961	9.68%	0.872%
57	21.327	3148	3152	3163	rVB5	69176	135927	7.52%	0.678%
58	21.498	3177	3181	3185	rVB2	165157	184159	10.19%	0.918%
59	21.774	3223	3228	3236	rVB3	193448	335512	18.57%	1.673%
60	22.227	3301	3305	3309	rVB	90169	114347	6.33%	0.570%
61	22.451	3340	3343	3348	rVB2	58834	77096	4.27%	0.384%
62	22.710	3381	3387	3389	rBV2	120923	239651	13.26%	1.195%
63	22.739	3390	3392	3397	rVB2	151435	202014	11.18%	1.007%
64	23.174	3463	3466	3473	rVB	91143	163233	9.03%	0.814%
65	23.274	3477	3483	3487	rBV2	144797	275198	15.23%	1.372%
66	23.315	3487	3490	3494	rVV	80120	116676	6.46%	0.582%
67	23.374	3494	3500	3506	rVB	242478	433779	24.01%	2.163%
68	23.974	3598	3602	3608	rVB2	79161	142637	7.89%	0.711%
69	25.621	3876	3882	3892	rVB4	109490	286623	15.86%	1.429%
70	26.304	3994	3998	4007	rVB	67657	163835	9.07%	0.817%
71	26.645	4049	4056	4071	rVB8	192227	586714	32.47%	2.926%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001641.D
Acq On : 16 Jan 2020 22:38
Operator : JU
Sample : L1148-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-30-(3-5)

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	27.027	4112	4121	4138	rVB8	175539	661583	36.62%	3.299%

Sum of corrected areas: 20053304

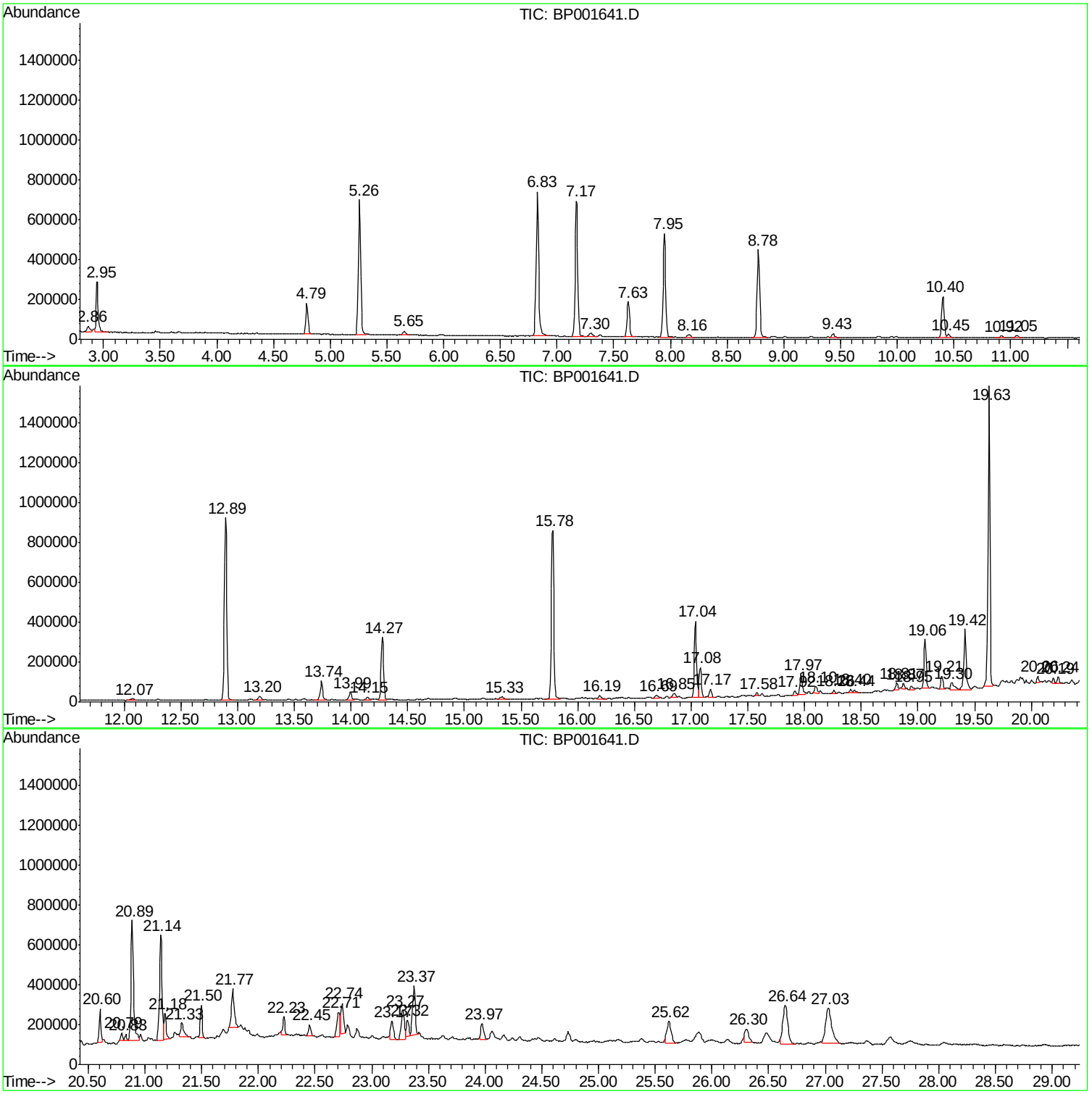
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001641.D
Acq On : 16 Jan 2020 22:38
Operator : JU
Sample : L1148-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-30-(3-5)

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

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001641.D
Acq On : 16 Jan 2020 22:38
Operator : JU
Sample : L1148-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-30-(3-5)

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

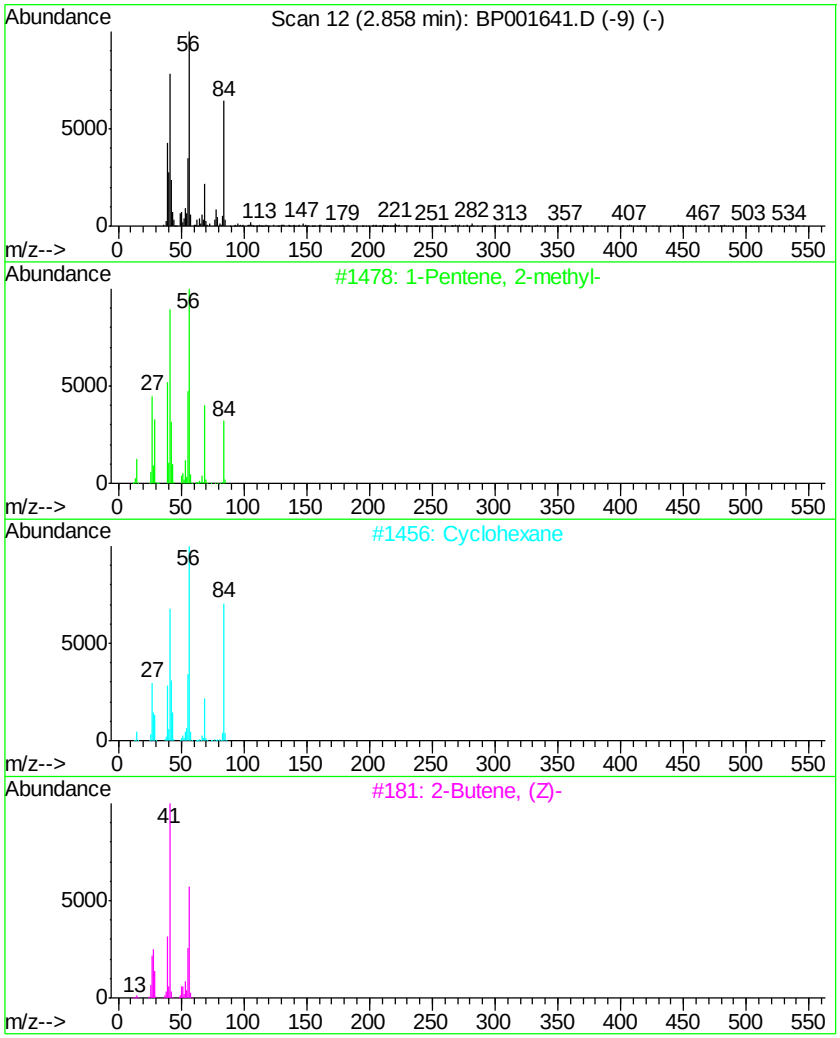
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

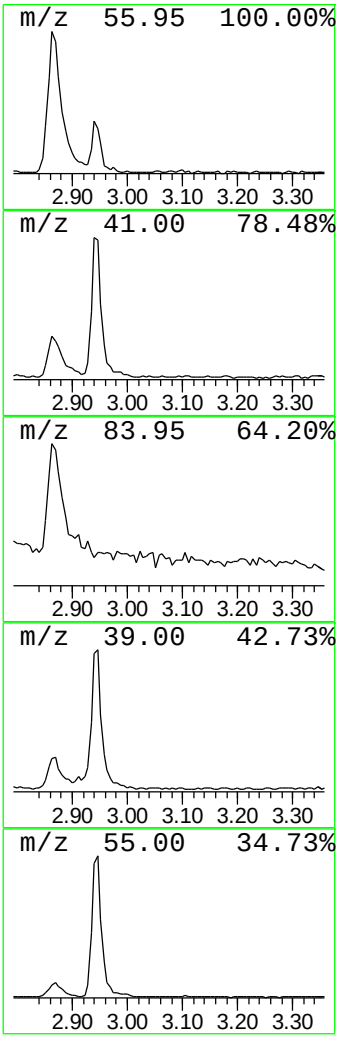
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.86	3.60 ng	49270	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
2	Cyclohexane	84	C6H12	000110-82-7	62
3	2-Butene, (Z)-	56	C4H8	000590-18-1	50
4	2-Butene, (E)-	56	C4H8	000624-64-6	50
5	Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001641.D
Acq On : 16 Jan 2020 22:38
Operator : JU
Sample : L1148-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-30-(3-5)

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

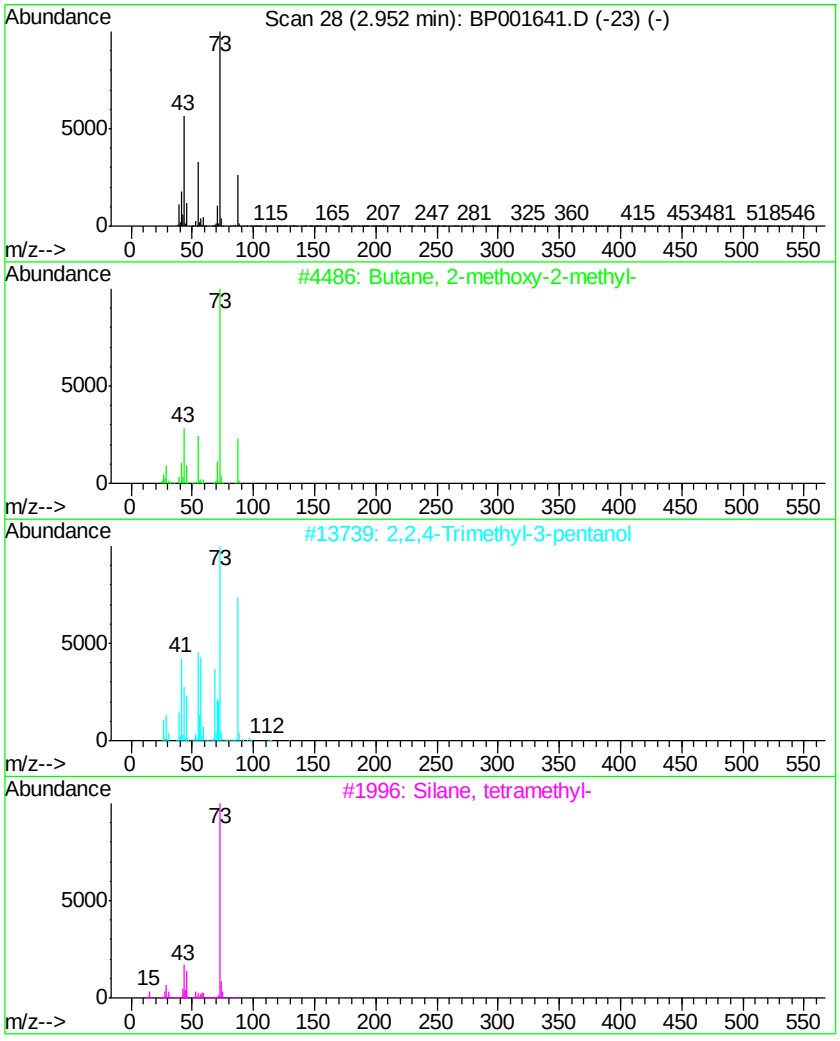
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

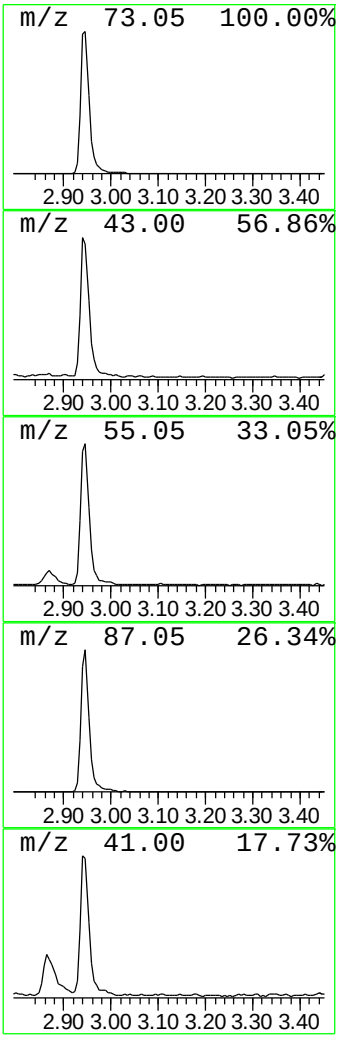
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	23.93 ng	327421	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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	37
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001641.D
Acq On : 16 Jan 2020 22:38
Operator : JU
Sample : L1148-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-30-(3-5)

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

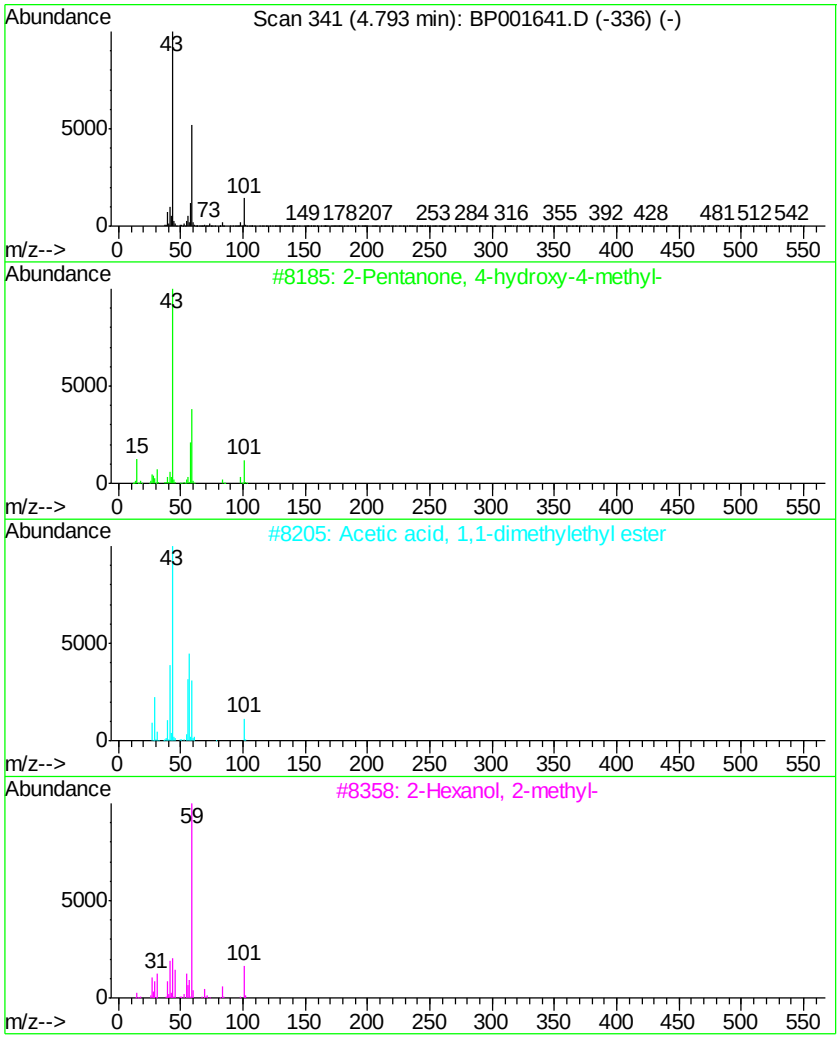
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

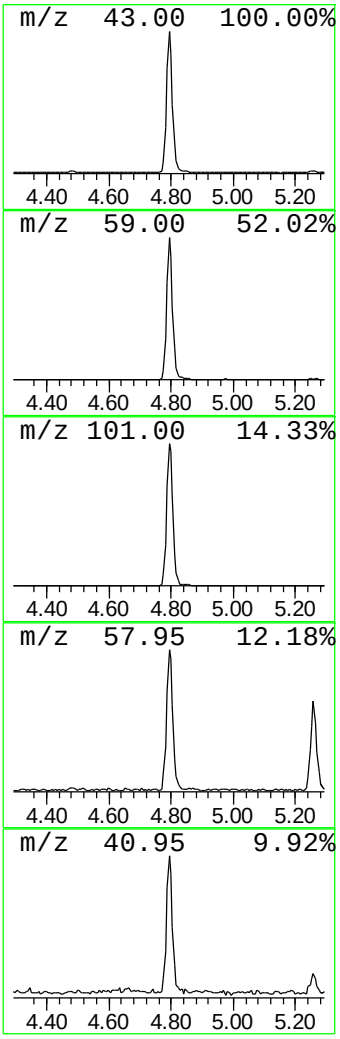
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	15.14 ng	207169	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	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001641.D
Acq On : 16 Jan 2020 22:38
Operator : JU
Sample : L1148-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-30-(3-5)

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

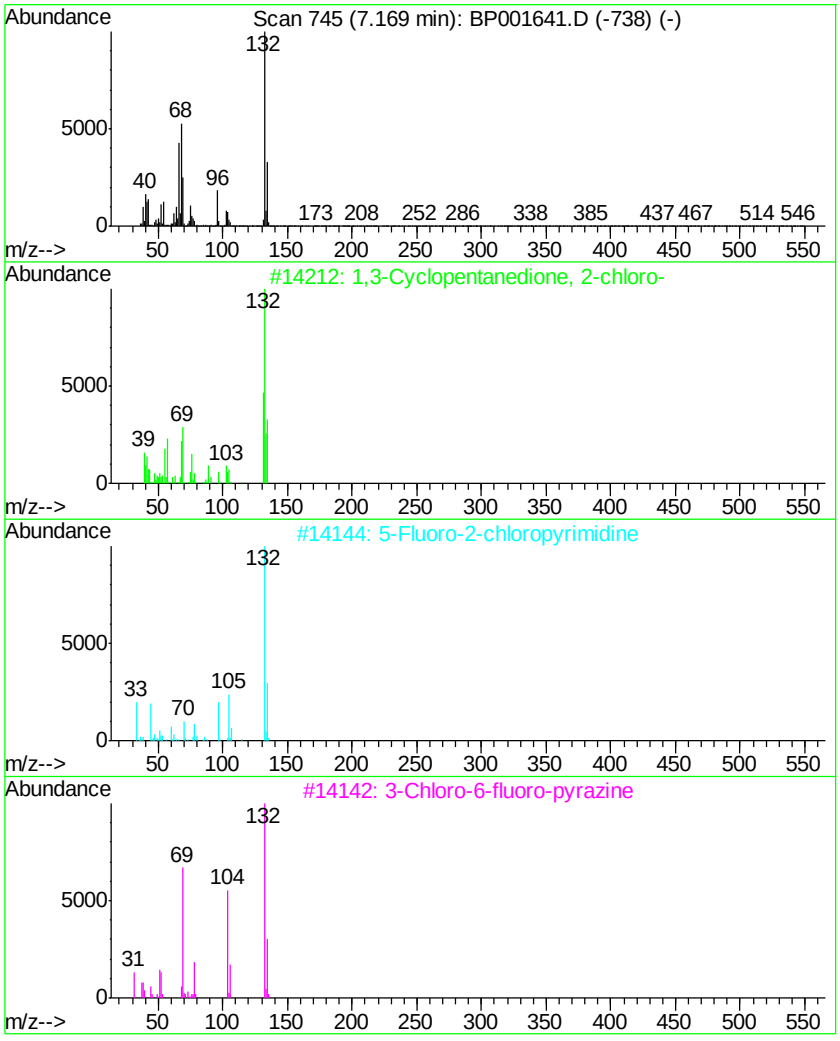
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

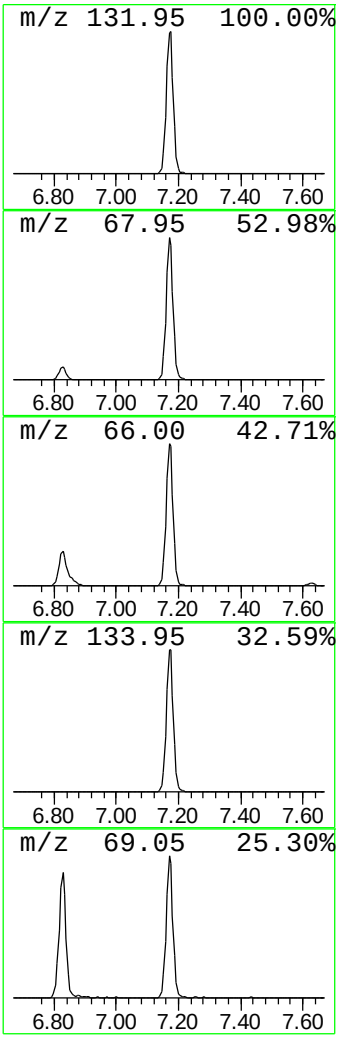
****

Peak Number 5 unknown7.17 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	79.30 ng	1085160	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001641.D
Acq On : 16 Jan 2020 22:38
Operator : JU
Sample : L1148-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-30-(3-5)

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

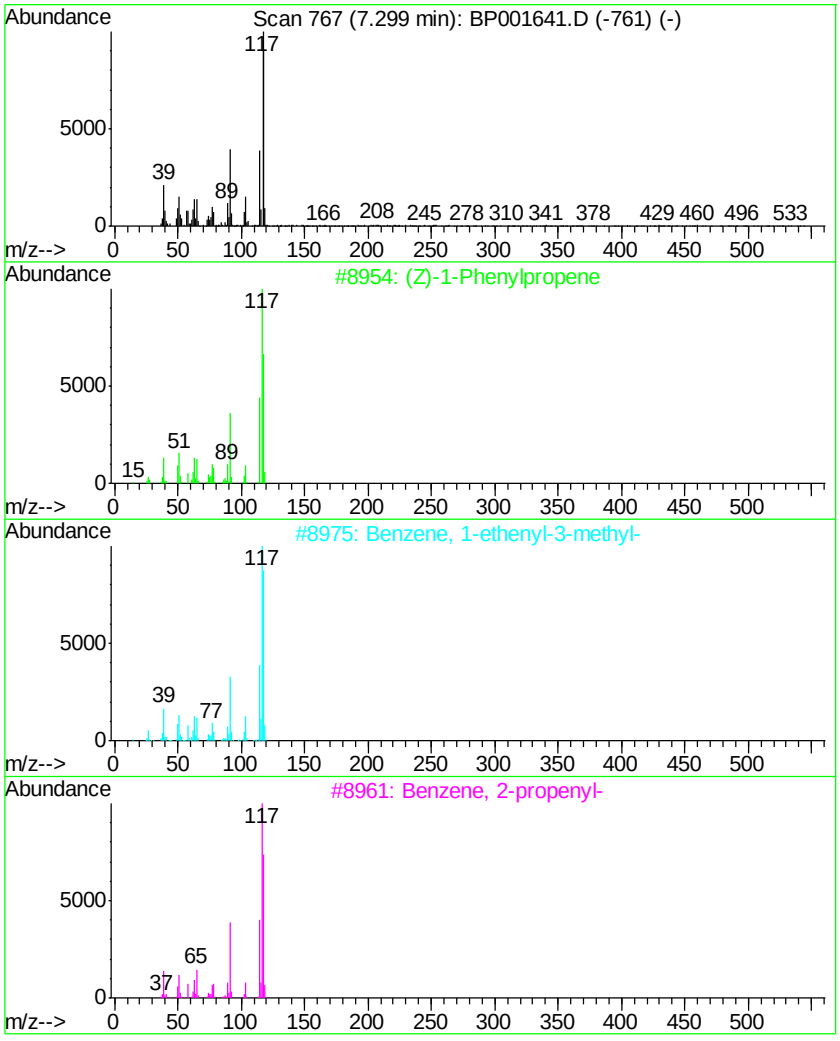
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

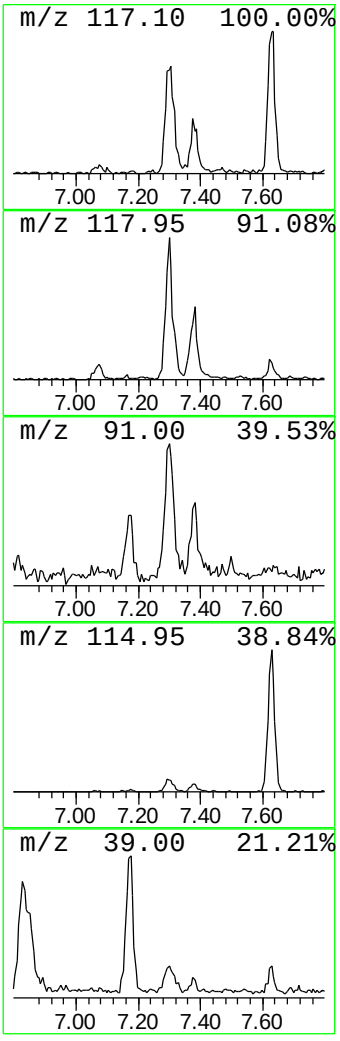
****

Peak Number 6 (Z)-1-Phenylpropene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	2.54 ng	34758	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	96
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	95
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93
5	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001641.D
Acq On : 16 Jan 2020 22:38
Operator : JU
Sample : L1148-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-30-(3-5)

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

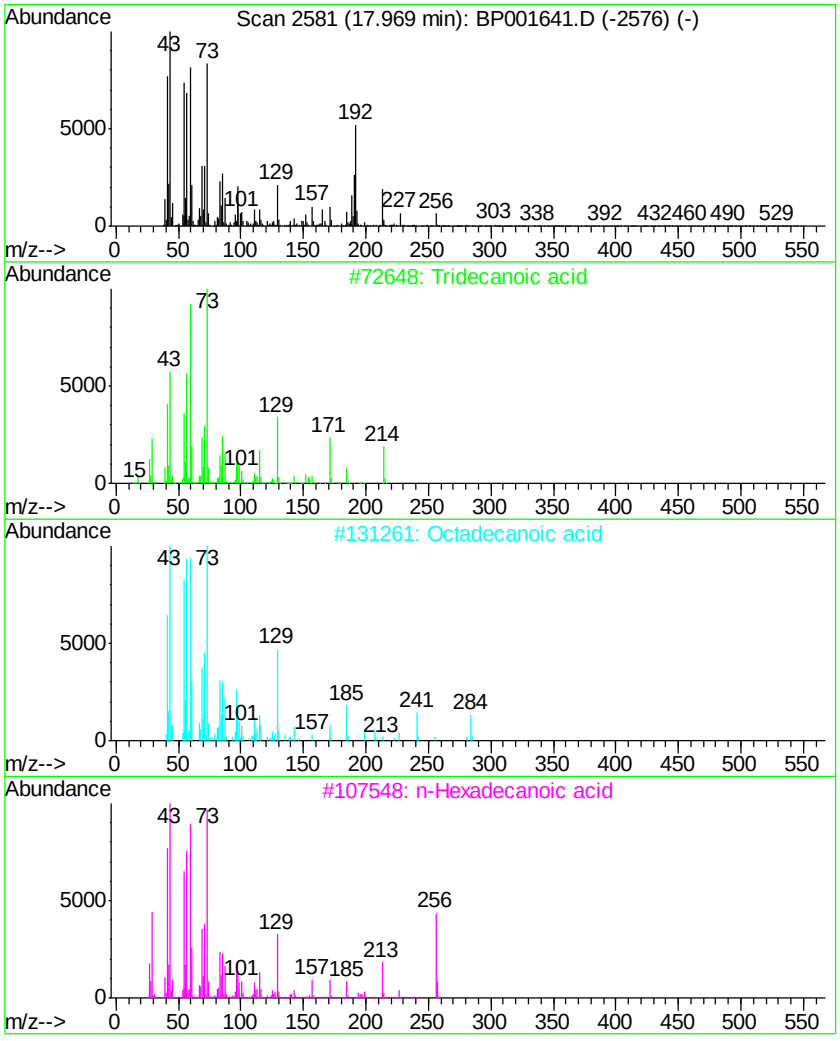
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

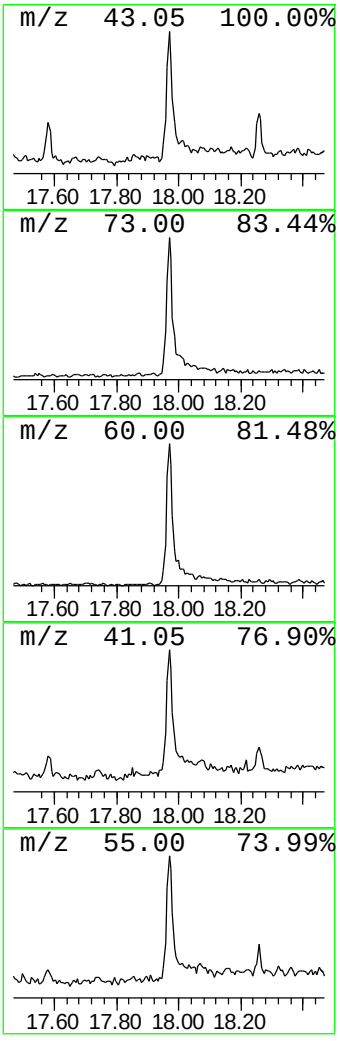
****

Peak Number 9 Tridecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	5.52 ng	153692	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	91
2	Octadecanoic acid	284	C18H36O2	000057-11-4	70
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	55
5	Nonanoic acid	158	C9H18O2	000112-05-0	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001641.D
Acq On : 16 Jan 2020 22:38
Operator : JU
Sample : L1148-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-30-(3-5)

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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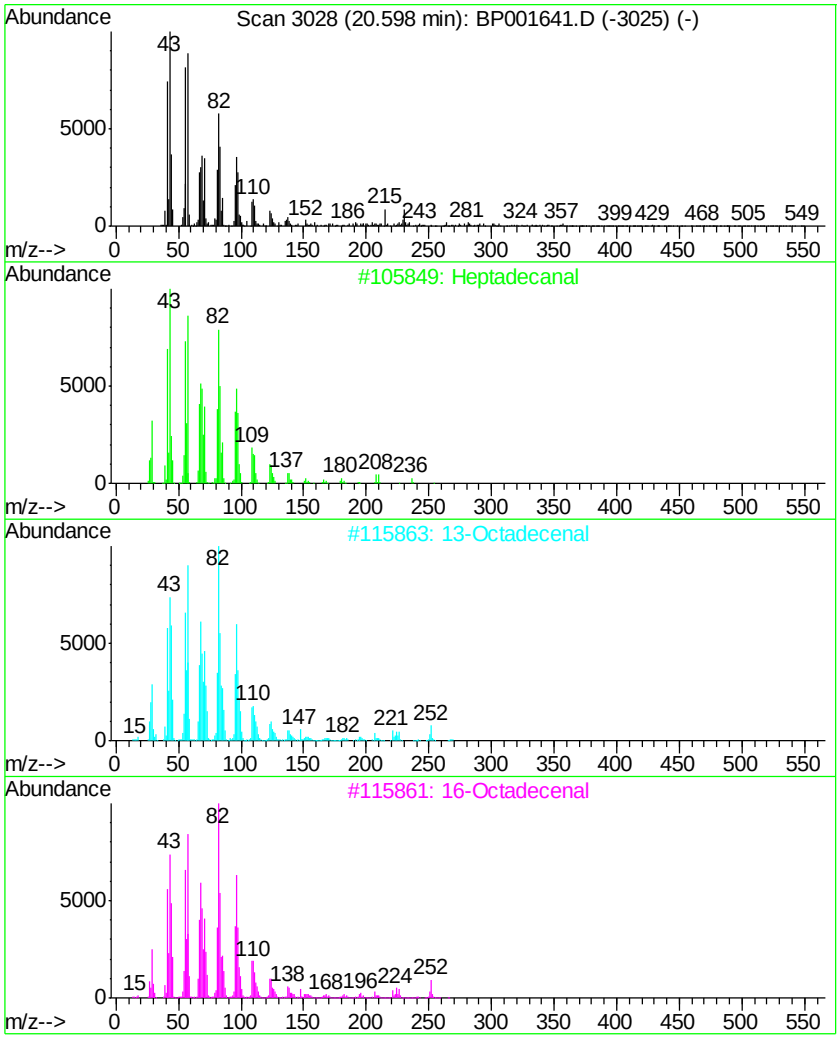
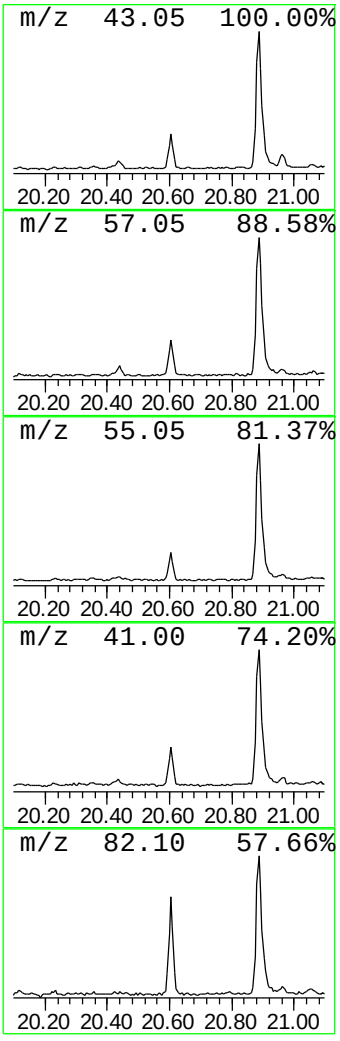
Peak Number 10 Heptadecanal Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	4.07 ng	174322	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanal	254	C17H34O	1000376-70-0	95
2	13-Octadecenal	266	C18H34O	056554-90-6	93
3	16-Octadecenal	266	C18H34O	056554-87-1	93
4	14-Octadecenal	266	C18H34O	056554-89-3	91
5	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001641.D
Acq On : 16 Jan 2020 22:38
Operator : JU
Sample : L1148-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-30-(3-5)

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

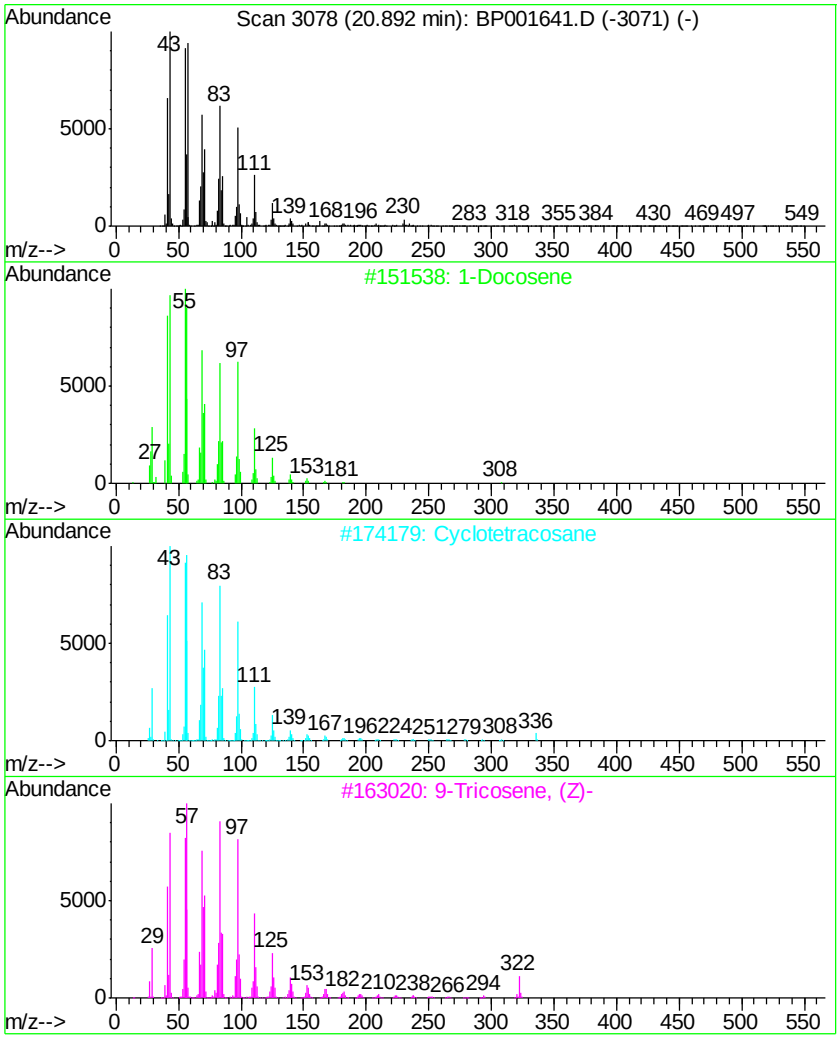
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

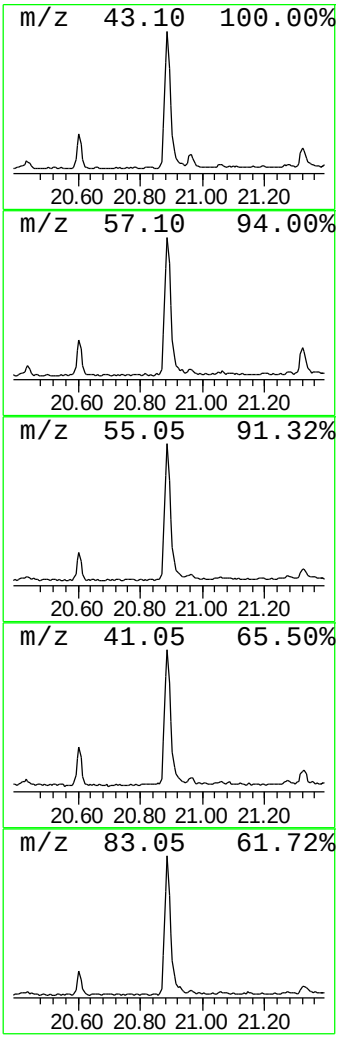
****

Peak Number 11 1-Docosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	20.97 ng	899050	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Cyclotetracosane	336	C24H48	000297-03-0	95
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
4	E-15-Heptadecenal	252	C17H32O	1000130-97-9	94
5	1-Eicosene	280	C20H40	003452-07-1	94





Library Search Compound Report

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Acq On : 16 Jan 2020 22:38
Operator : JU
Sample : L1148-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-30-(3-5)

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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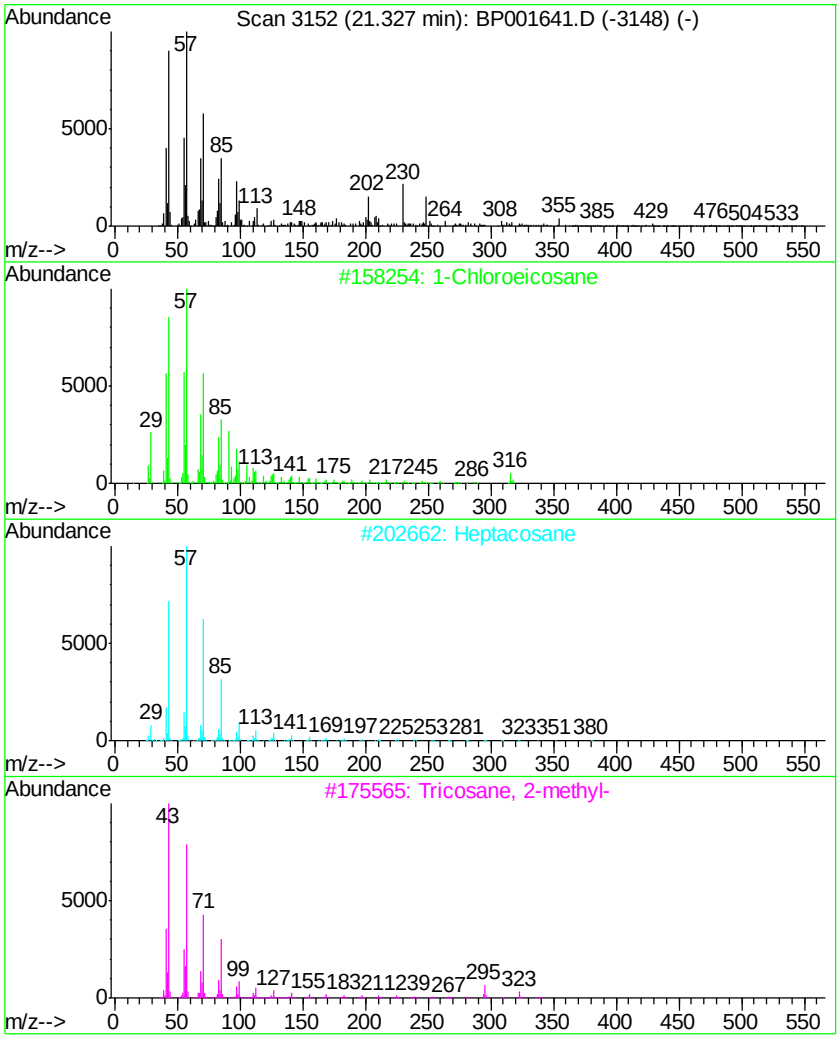
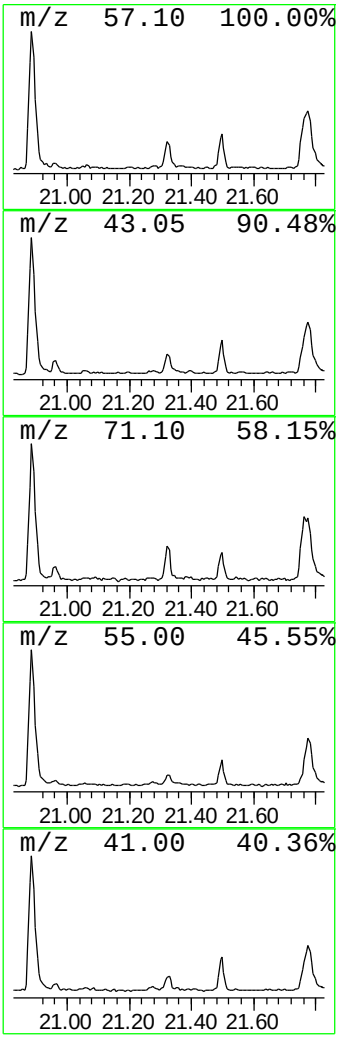
Peak Number 12 1-Chloroeicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	3.17 ng	135927	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Chloroeicosane	316	C20H41Cl	042217-02-7	58
2	Heptacosane	380	C27H56	000593-49-7	50
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	50
4	Eicosane	282	C20H42	000112-95-8	50
5	Docosane, 2,21-dimethyl-	338	C24H50	077536-31-3	50





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Data File : BP001641.D
Acq On : 16 Jan 2020 22:38
Operator : JU
Sample : L1148-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-30-(3-5)

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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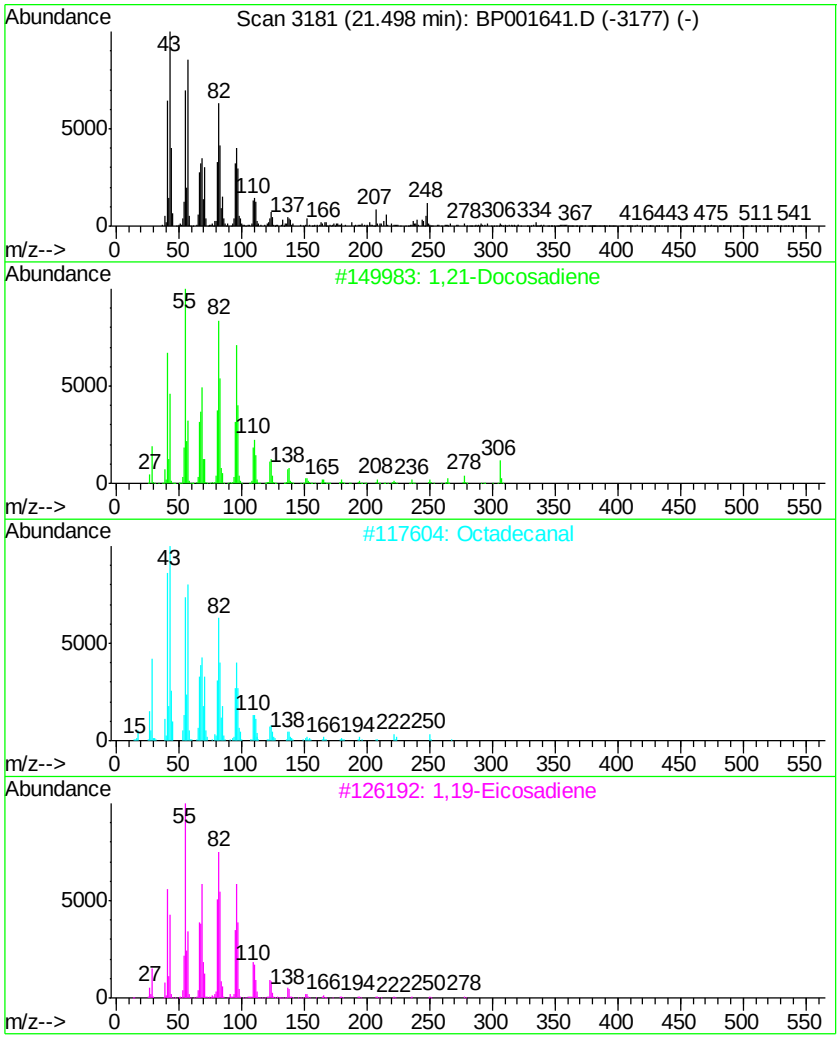
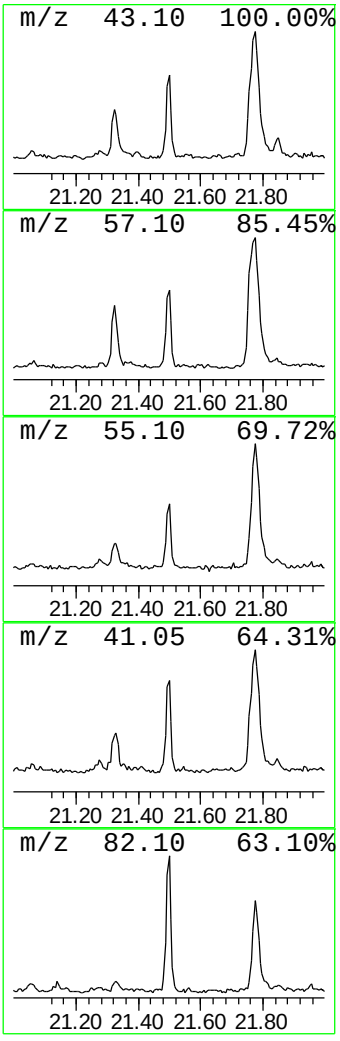
Peak Number 13 1,21-Docosadiene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.50	4.30 ng	184159	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,21-Docosadiene	306	C22H42	053057-53-7	93
2	Octadecanal	268	C18H36O	000638-66-4	81
3	1,19-Eicosadiene	278	C20H38	014811-95-1	70
4	Pentadecanal-	226	C15H30O	002765-11-9	68
5	E-7-Tetradecenol	212	C14H28O	037011-95-3	64





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Data File : BP001641.D
Acq On : 16 Jan 2020 22:38
Operator : JU
Sample : L1148-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-30-(3-5)

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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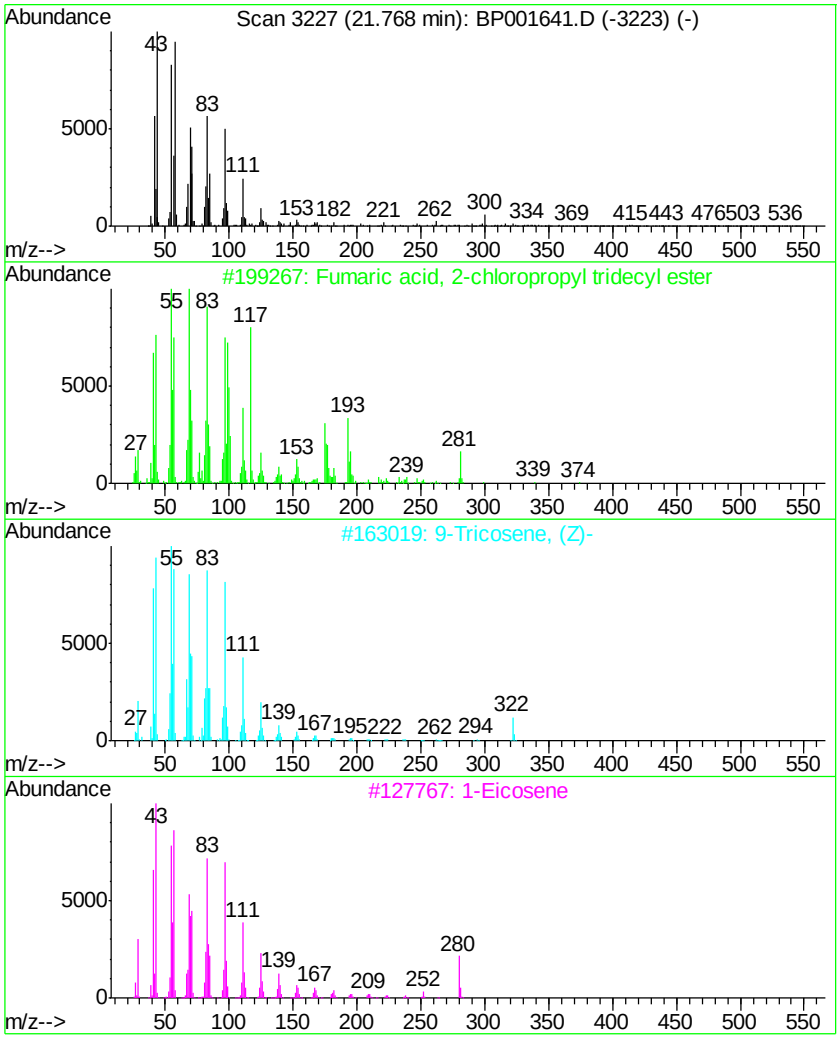
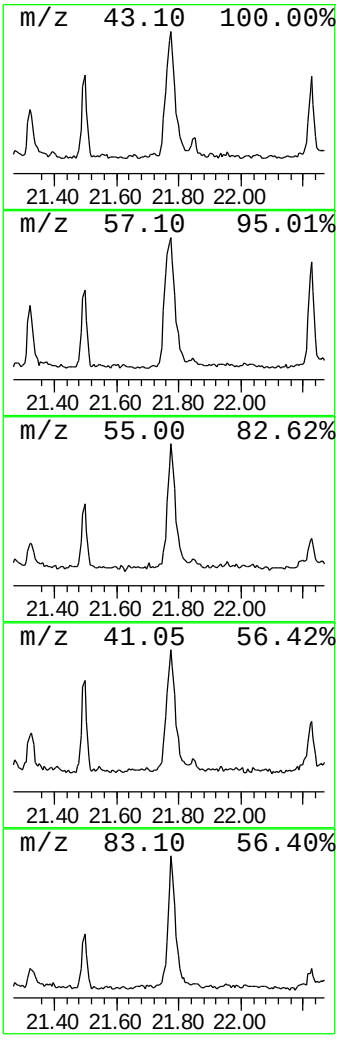
Peak Number 14 Fumaric acid, 2-chloropropy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	7.83 ng	335512	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, 2-chloropropyl tri...	374	C20H35ClO4	1000348-57-1	95
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
3	1-Eicosene	280	C20H40	003452-07-1	93
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91





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Acq On : 16 Jan 2020 22:38
Operator : JU
Sample : L1148-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-30-(3-5)

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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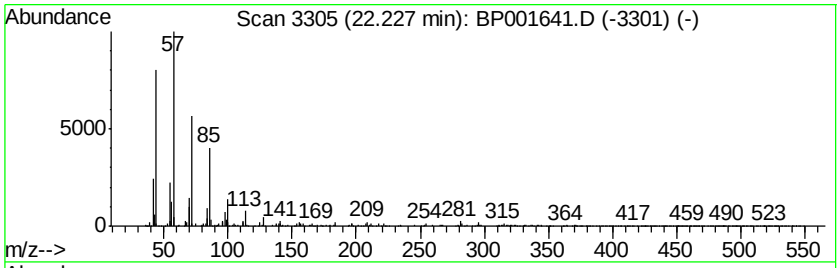
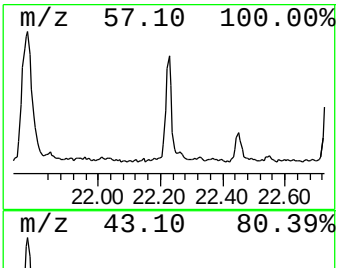
Peak Number 15 Docosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.23	2.67 ng	114347	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Eicosane, 9-octyl-	394	C28H58	013475-77-9	87
4	Docosane, 7-butyl-	366	C26H54	055282-15-0	87
5	Heptacosane	380	C27H56	000593-49-7	87





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Operator : JU
Sample : L1148-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-30-(3-5)

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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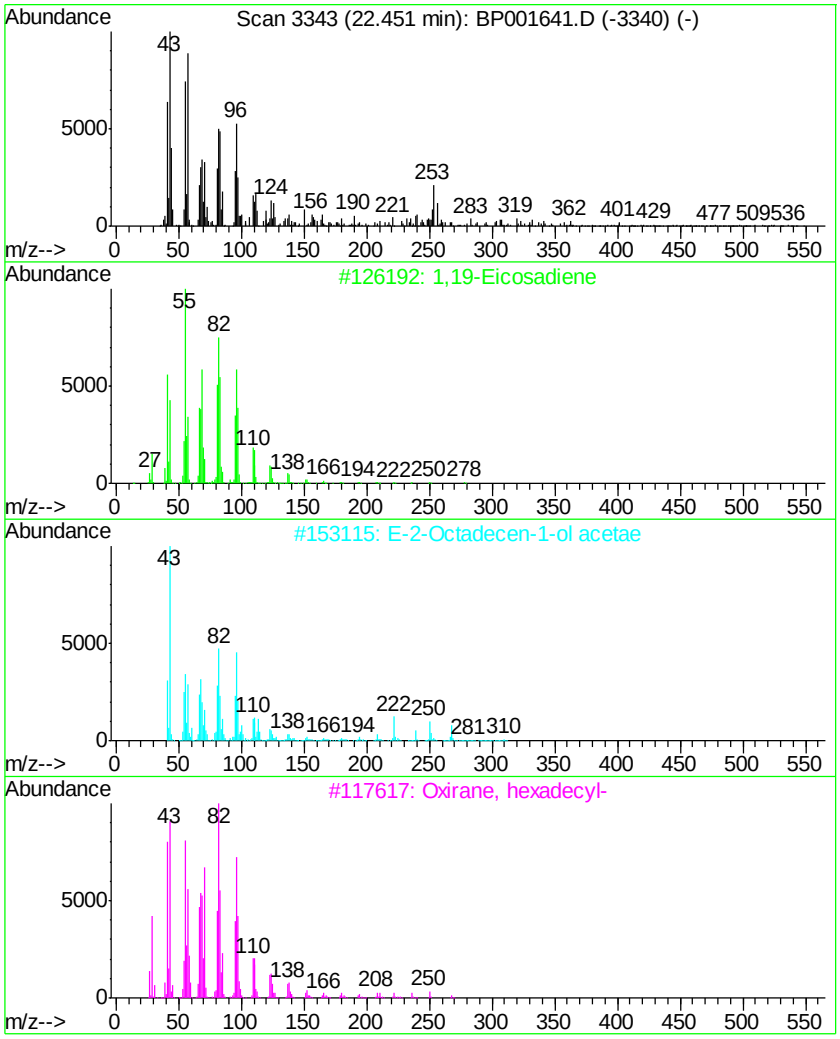
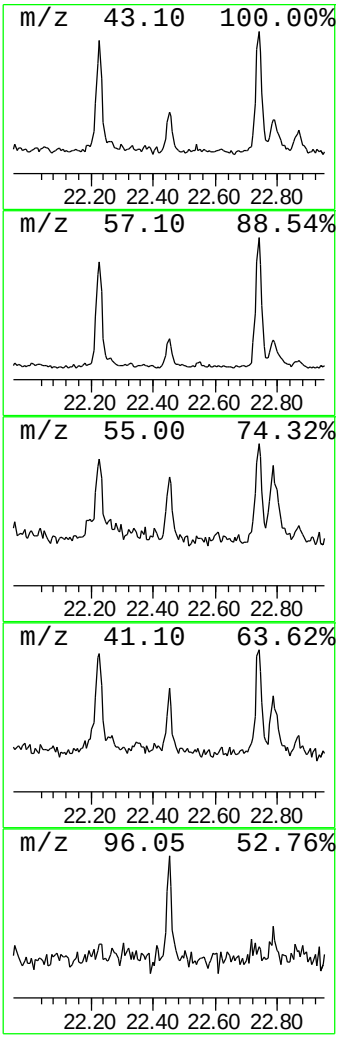
Peak Number 16 1,19-Eicosadiene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	3.55 ng	77096	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	86
2	E-2-Octadecen-1-ol acetae	310	C20H38O2	1000130-94-3	78
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	78
4	14-Heptadecenal	252	C17H32O	1000144-58-0	64
5	Oxirane, tetradecyl-	240	C16H32O	007320-37-8	64





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Data File : BP001641.D
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Operator : JU
Sample : L1148-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-30-(3-5)

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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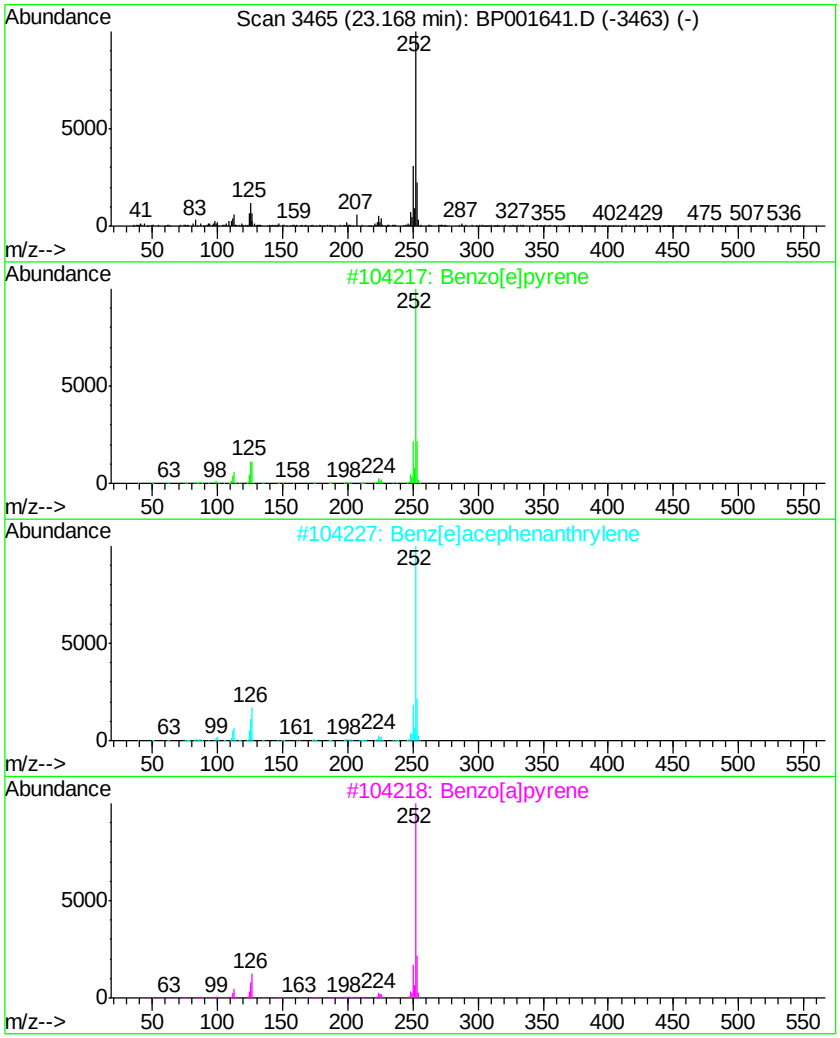
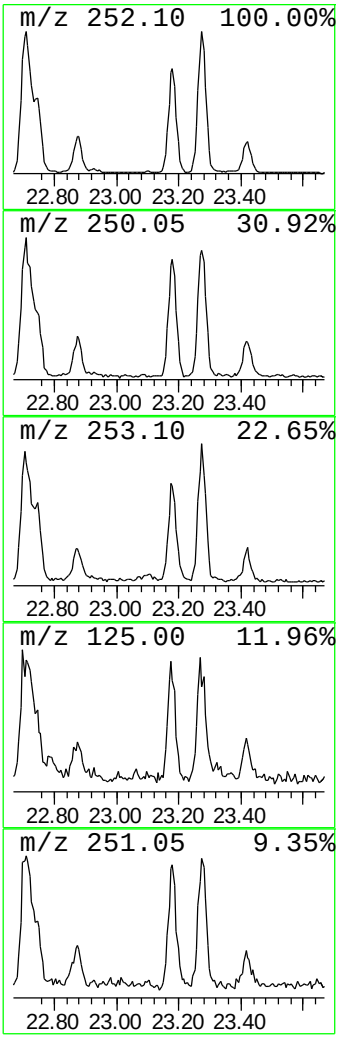
Peak Number 17 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	7.53 ng	163233	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





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Sample : L1148-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-30-(3-5)

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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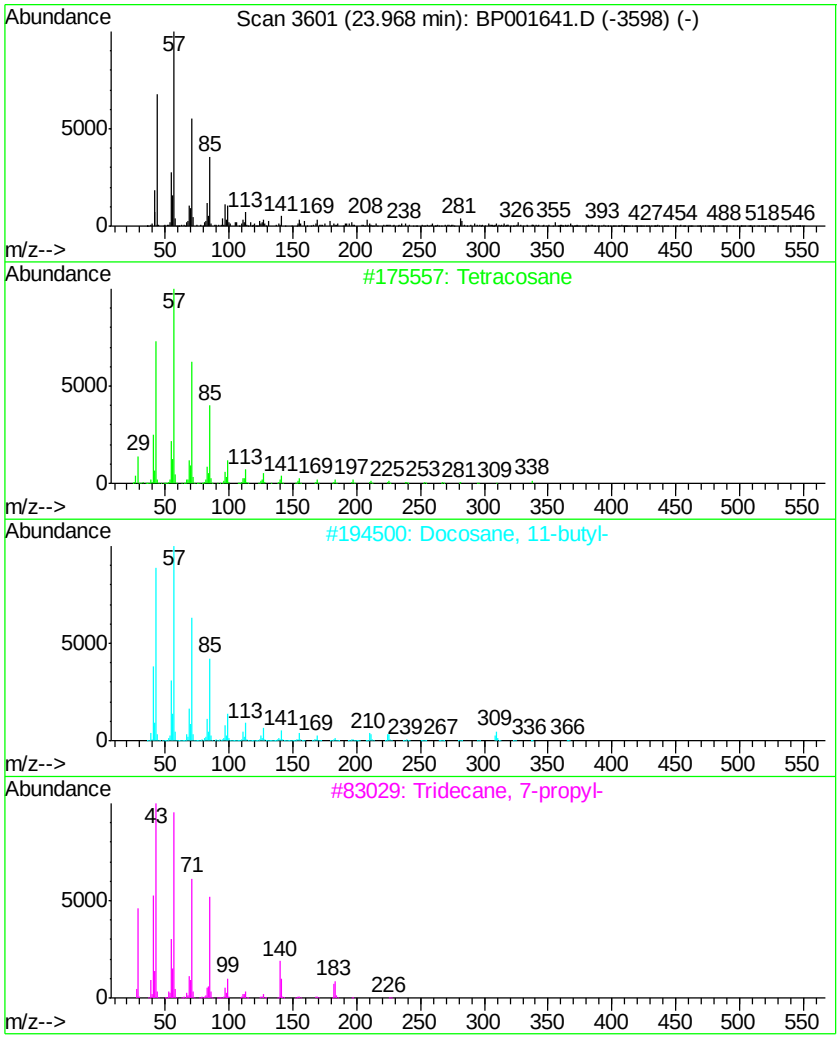
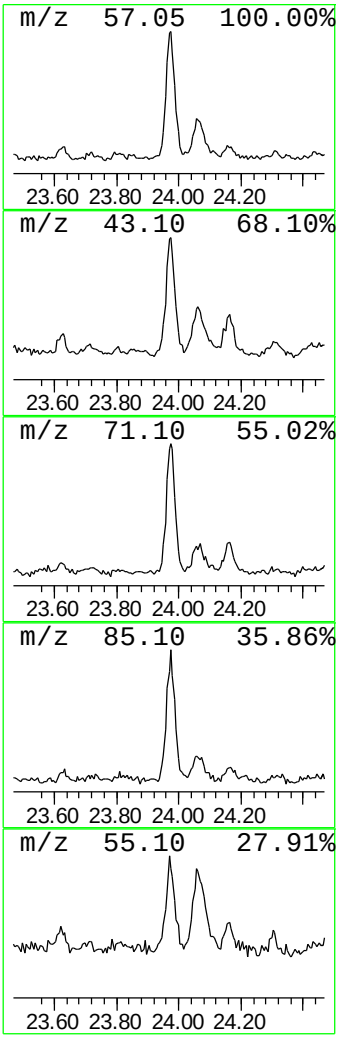
Peak Number 18 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	6.58 ng	142637	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
5	Octacosane	394	C28H58	000630-02-4	87





Library Search Compound Report

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Operator : JU
Sample : L1148-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-30-(3-5)

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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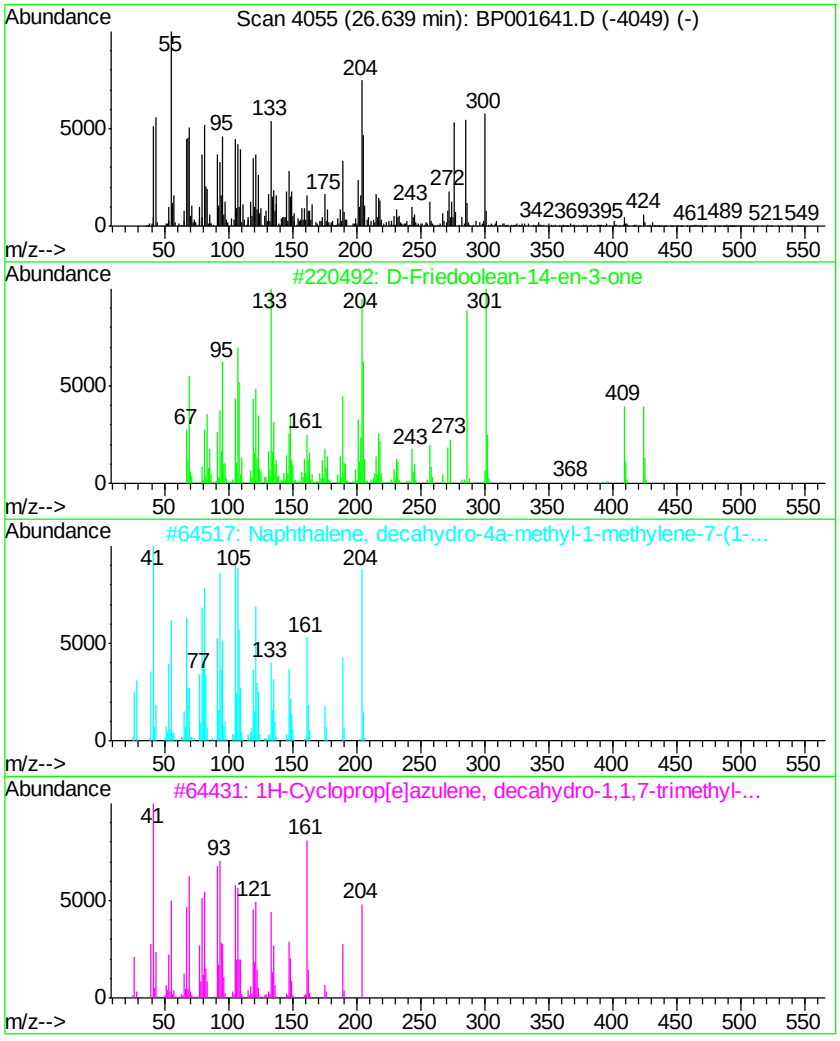
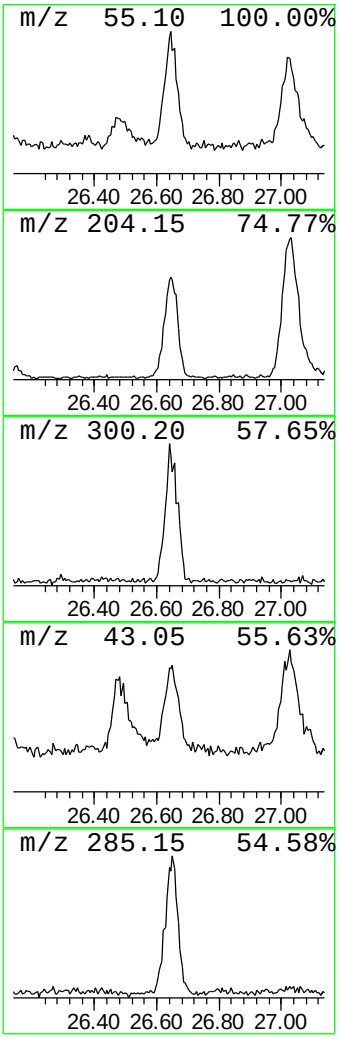
Peak Number 19 unknown26.64 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.64	27.05 ng	586714	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Friedoolean-14-en-3-one	424	C30H48O	000514-07-8	43
2	Naphthalene, decahydro-4a-methyl...	204	C15H24	017066-67-0	30
3	1H-Cycloprop[e]azulene, decahydr...	204	C15H24	072747-25-2	30
4	1H-3a,7-Methanoazulene, octahydr...	204	C15H24	000508-55-4	27
5	Cyclodecacyclododecene, 1,2,3,4,...	276	C20H36	014113-80-5	15





Library Search Compound Report

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Operator : JU
Sample : L1148-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-30-(3-5)

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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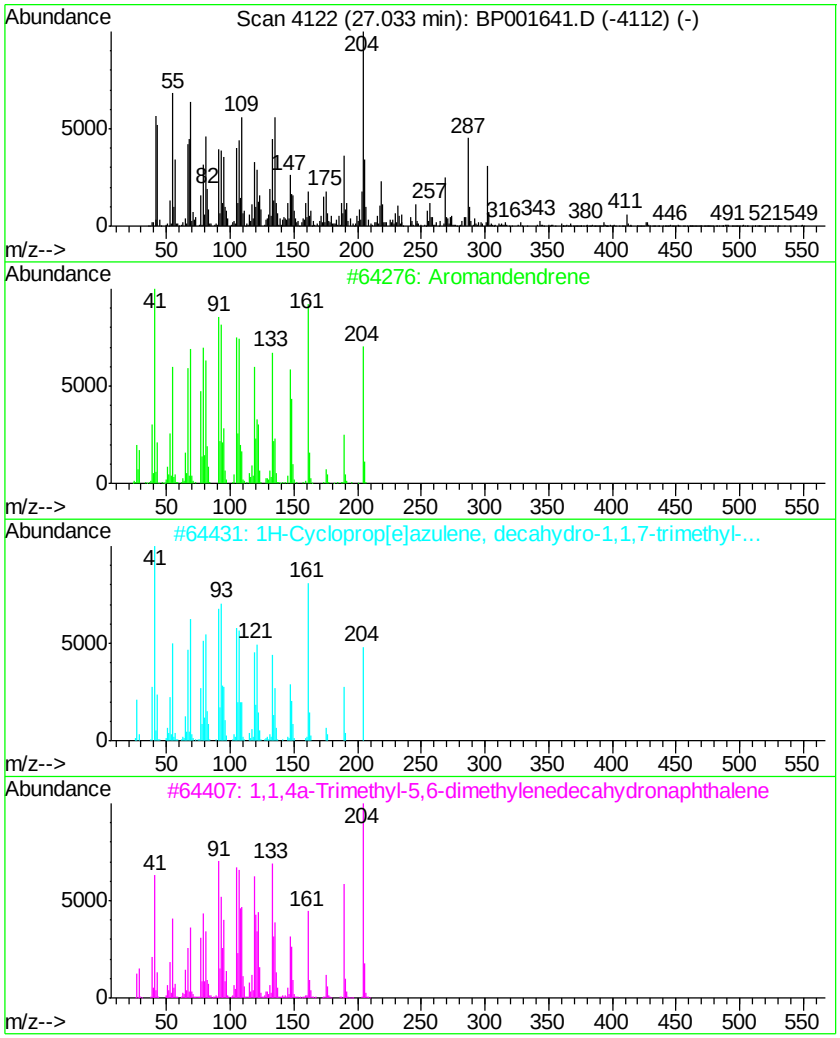
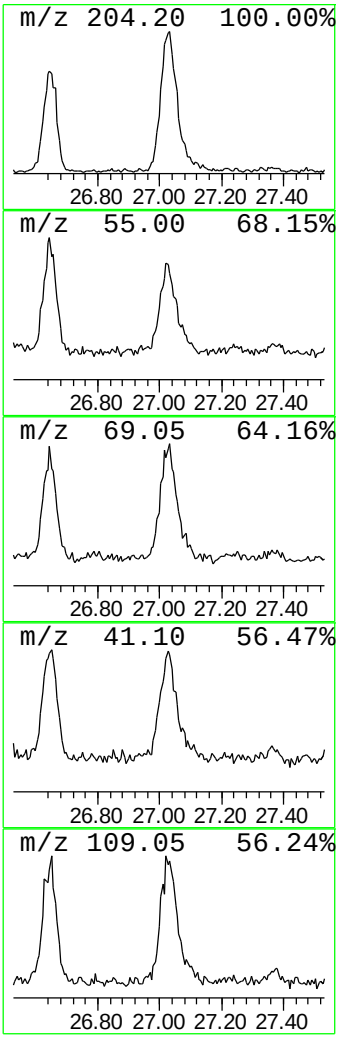
Peak Number 20 Aromandendrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.03	30.50 ng	661583	Perylene-d12	23.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aromandendrene	204	C15H24	000489-39-4	60
2	1H-Cycloprop[e]azulene, decahydr...	204	C15H24	072747-25-2	50
3	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	49
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
5	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP011620\
Data File : BP001641.D
Acq On : 16 Jan 2020 22:38
Operator : JU
Sample : L1148-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-30-(3-5)

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
1-Pentene, 2-methyl-	2.86	3.6	ng	49270	1	7.63	273674	20.0
Butane, 2-methoxy...	2.95	23.9	ng	327421	1	7.63	273674	20.0
2-Pentanone, 4-hy...	4.79	15.1	ng	207169	1	7.63	273674	20.0
unknown7.17	7.17	79.3	ng	1085160	1	7.63	273674	20.0
(Z)-1-Phenylpropene	7.30	2.5	ng	34758	1	7.63	273674	20.0
Tridecanoic acid	17.97	5.5	ng	153692	4	17.04	557267	20.0
Heptadecanal	20.60	4.1	ng	174322	5	21.15	857373	20.0
1-Docosene	20.89	21.0	ng	899050	5	21.15	857373	20.0
1-Chloroeicosane	21.33	3.2	ng	135927	5	21.15	857373	20.0
1,21-Docosadiene	21.50	4.3	ng	184159	5	21.15	857373	20.0
Fumaric acid, 2-c...	21.77	7.8	ng	335512	5	21.15	857373	20.0
Docosane	22.23	2.7	ng	114347	5	21.15	857373	20.0
1,19-Eicosadiene	22.45	3.5	ng	77096	6	23.37	433779	20.0
Benzo[e]pyrene	23.17	7.5	ng	163233	6	23.37	433779	20.0
Tetracosane	23.97	6.6	ng	142637	6	23.37	433779	20.0
unknown26.64	26.64	27.1	ng	586714	6	23.37	433779	20.0
Aromandendrene	27.03	30.5	ng	661583	6	23.37	433779	20.0