LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001643.D
Acq On : 16 Jan 2020 23:45
Operator : JU
Sample : L1148-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-33-(5-7)

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	2.852	7	11	18	rBV2	58055	93272	5.44%	0.437%
2	2.946	19	27	41	rVB	162256	250649	14.62%	1.174%
3	3.899	185	189	194	rBV	45112	57716	3.37%	0.270%
4	4.793	336	341	349	rVB	185165	252461	14.73%	1.183%
5	5.181	400	407	414	rBV	40998	73993	4.32%	0.347%
6	5.258	414	420	426	rVV	824136	1176036	68.61%	5.509%
7	5.310	426	429	437	rVB	37475	74683	4.36%	0.350%
8	5.657	479	488	496	rBV2	172188	390745	22.80%	1.830%
9	5.716	496	498	511	rVB5	28228	63073	3.68%	0.295%
10	6.334	599	603	609	rVB4	31101	52062	3.04%	0.244%
11	6.652	645	657	660	rBV6	19765	54777	3.20%	0.257%
12	6.787	675	680	681	rBV2	48164	64347	3.75%	0.301%
13	6.828	681	687	707	rVB3	887691	1672439	97.58%	7.834%
14	7.175	740	746	759	rVB	863387	1380522	80.55%	6.467%
15	7.299	760	767	774	rBV2	107195	256731	14.98%	1.203%
16	7.381	777	781	789	rVB2	60888	108946	6.36%	0.510%
17	7.628	817	823	829	rVB	210918	312812	18.25%	1.465%
18	7.946	866	877	883	rBV	615778	999054	58.29%	4.680%
19	7.999	883	886	896	rVB	65791	99961	5.83%	0.468%
20	8.163	905	914	924	rBV	198780	363761	21.22%	1.704%
21	8.446	947	962	968	rVB4	22937	68172	3.98%	0.319%
22	8.775	1004	1018	1030	rBV	529070	940416	54.87%	4.405%
23	9.375	1115	1120	1126	rBV3	46132	89550	5.22%	0.419%
24	9.434	1126	1130	1141	rVB	129343	223364	13.03%	1.046%
25	9.604	1153	1159	1167	rBV2	20596	47087	2.75%	0.221%
26	9.828	1192	1197	1205	rBV7	38797	100291	5.85%	0.470%
27	9.910	1206	1211	1216	rBV	115566	178732	10.43%	0.837%
28	10.404	1288	1295	1299	rBV	211151	378133	22.06%	1.771%
29	10.457	1299	1304	1311	rVB	1056042	1713965	100.00%	8.029%
30	10.569	1318	1323	1332	rVB2	46218	84672	4.94%	0.397%
31	10.922	1377	1383	1388	rBV	44119	77744	4.54%	0.364%
32	11.057	1399	1406	1416	rVB2	58781	111133	6.48%	0.521%
33	11.245	1429	1438	1446	rBV8	21331	52773	3.08%	0.247%
34	11.787	1524	1530	1537	rVB5	24354	57412	3.35%	0.269%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001643.D
Acq On : 16 Jan 2020 23:45
Operator : JU
Sample : L1148-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-33-(5-7)

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	12.075	1571	1579	1588	rBV2	144315	267697	15.62%	1.254%
36	12.298	1611	1617	1628	rVB	98056	179260	10.46%	0.840%
37	12.487	1644	1649	1661	rBV10	16663	52655	3.07%	0.247%
38	12.892	1712	1718	1728	rVB	982760	1488520	86.85%	6.973%
39	13.192	1763	1769	1775	rBV	85475	127711	7.45%	0.598%
40	13.451	1807	1813	1820	rVB6	33871	79083	4.61%	0.370%
41	13.586	1827	1836	1842	rBV3	65358	140158	8.18%	0.657%
42	13.739	1854	1862	1869	rVB2	79303	157498	9.19%	0.738%
43	13.992	1899	1905	1913	rBV	161743	261007	15.23%	1.223%
44	14.145	1926	1931	1937	rBV3	30688	63883	3.73%	0.299%
45	14.275	1946	1953	1959	rBV	297847	469235	27.38%	2.198%
46	14.339	1960	1964	1970	rVV	41285	57868	3.38%	0.271%
47	14.681	2018	2022	2030	rBV	57636	90423	5.28%	0.424%
48	15.333	2128	2133	2139	rBV	115682	171527	10.01%	0.803%
49	15.780	2204	2209	2217	rVB	1032241	1414787	82.54%	6.627%
50	16.039	2250	2253	2255	rBV	78834	99660	5.81%	0.467%
51	16.069	2255	2258	2266	rVB2	150285	204797	11.95%	0.959%
52	16.486	2326	2329	2336	rBV2	84192	136423	7.96%	0.639%
53	16.845	2386	2390	2395	rBV2	176769	292718	17.08%	1.371%
54	16.898	2395	2399	2405	rVB	236236	358375	20.91%	1.679%
55	17.045	2419	2424	2427	rBV	355431	543612	31.72%	2.546%
56	17.086	2427	2431	2436	rVB	470162	695752	40.59%	3.259%
57	17.175	2443	2446	2450	rVB	166368	207045	12.08%	0.970%
58	17.586	2514	2516	2520	rVB	222063	220160	12.85%	1.031%
59	25.880	3919	3926	3940	rVB5	562756	1646798	96.08%	7.714%

Sum of corrected areas: 21348136

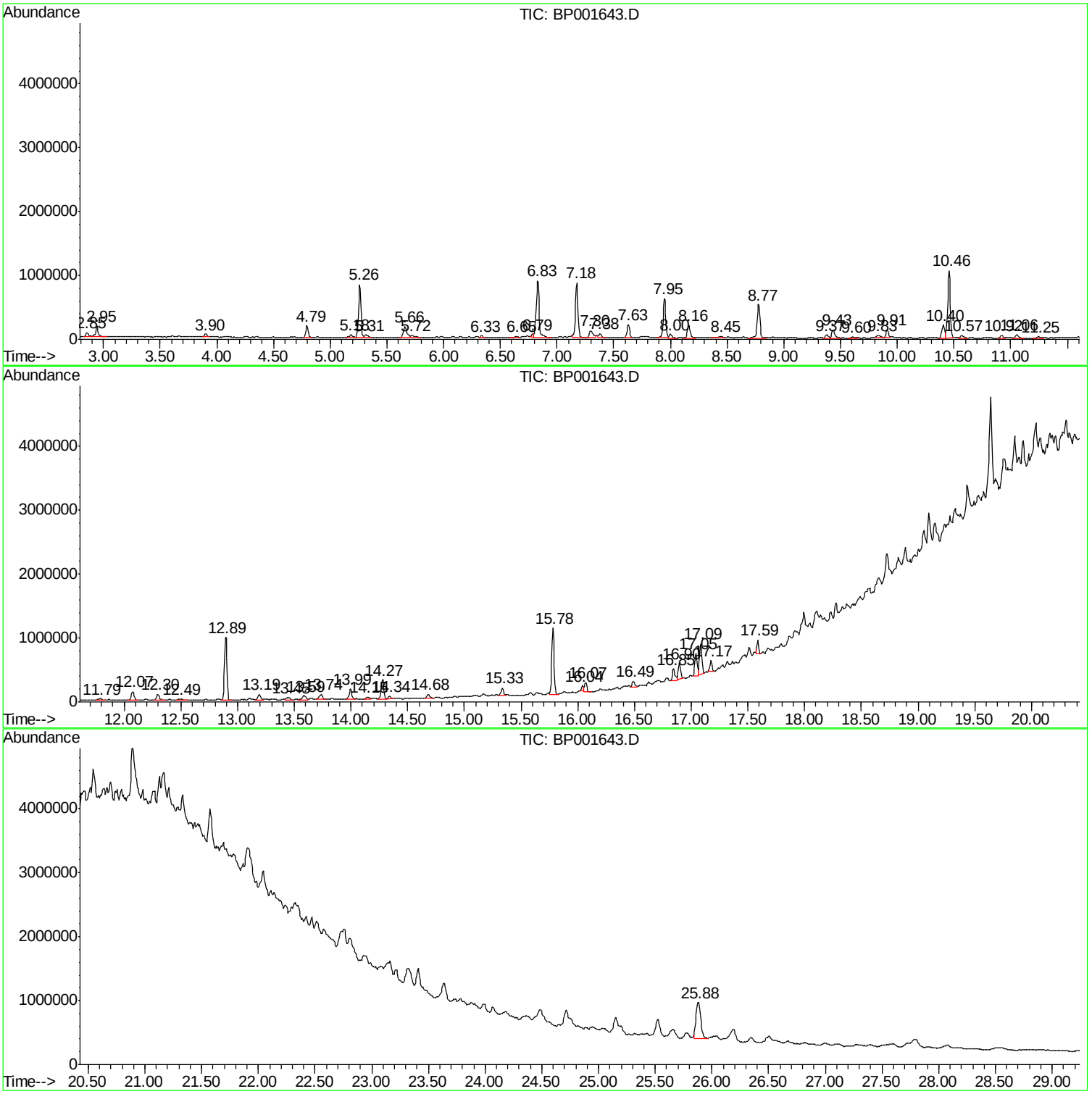
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001643.D
Acq On : 16 Jan 2020 23:45
Operator : JU
Sample : L1148-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-33-(5-7)

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001643.D
Acq On : 16 Jan 2020 23:45
Operator : JU
Sample : L1148-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-33-(5-7)

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

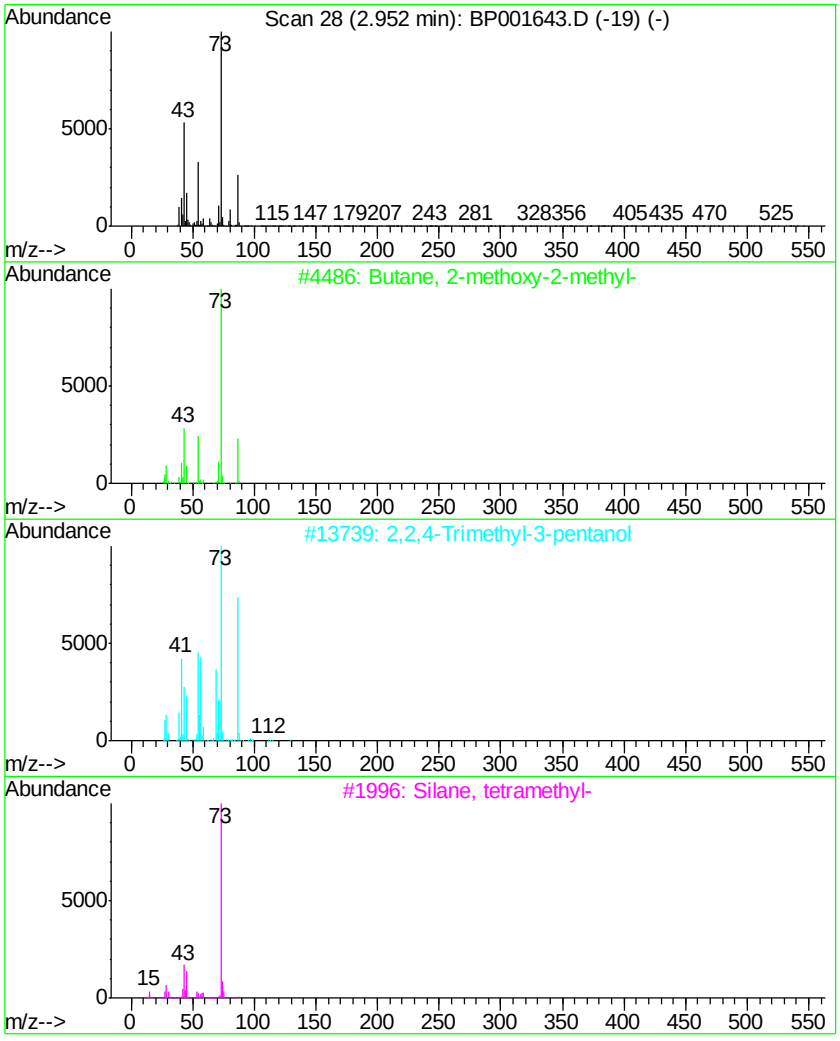
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

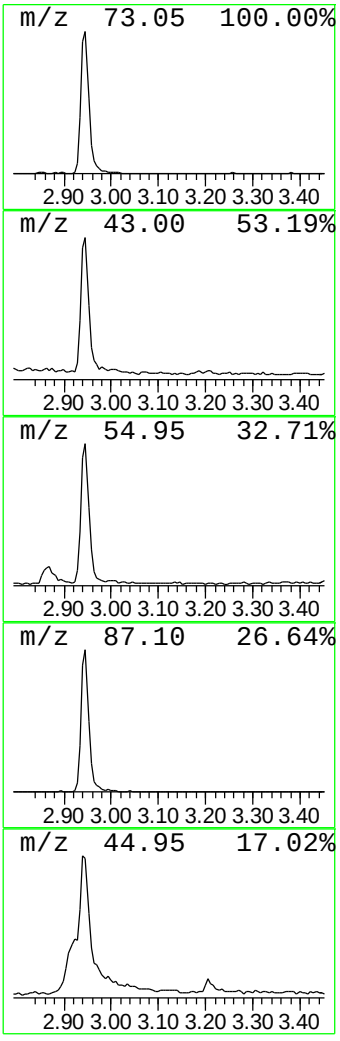
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	16.03 ng	250649	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	80
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	23
5	4-[1,3]Dioxolan-2-yl-3,4-dimethy...	196	C11H16O3	054710-16-6	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001643.D
Acq On : 16 Jan 2020 23:45
Operator : JU
Sample : L1148-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-33-(5-7)

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

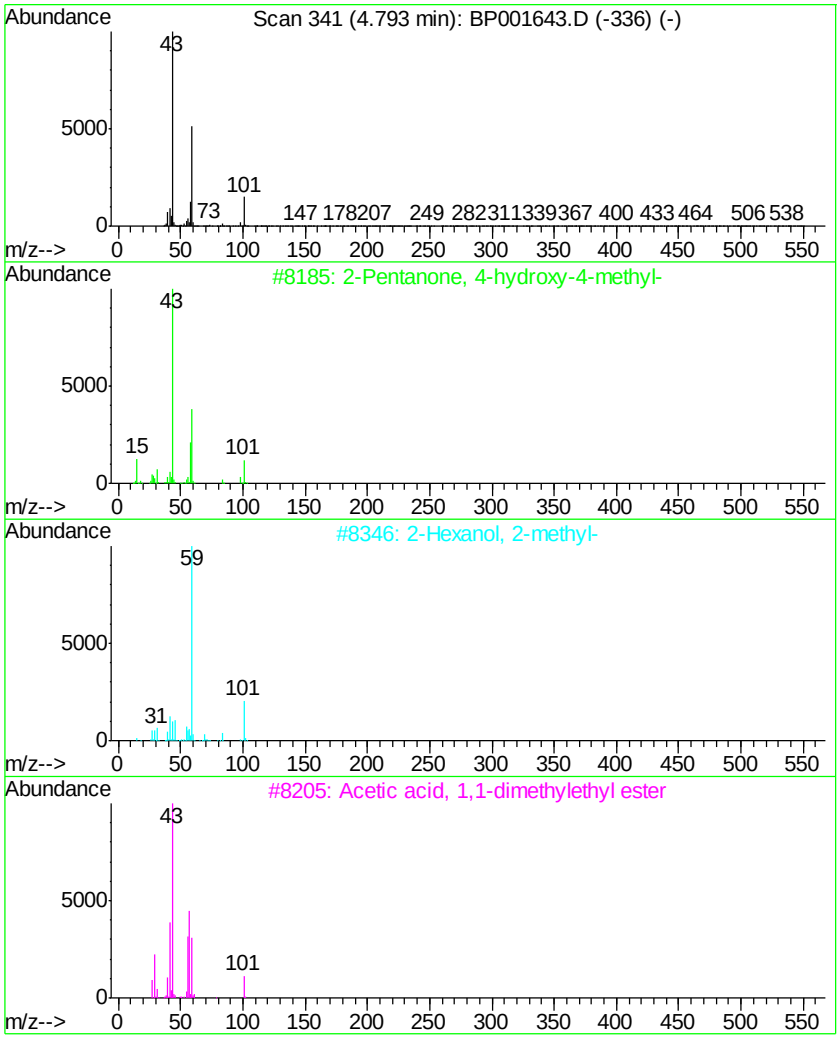
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

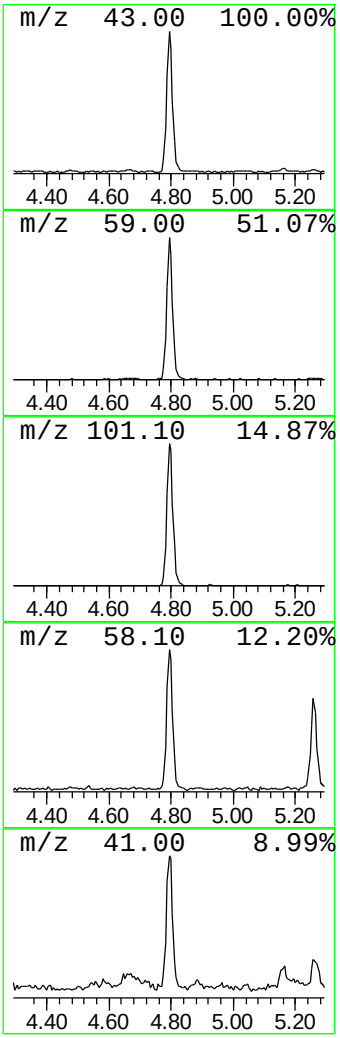
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	16.14 ng	252461	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	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001643.D
Acq On : 16 Jan 2020 23:45
Operator : JU
Sample : L1148-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-33-(5-7)

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

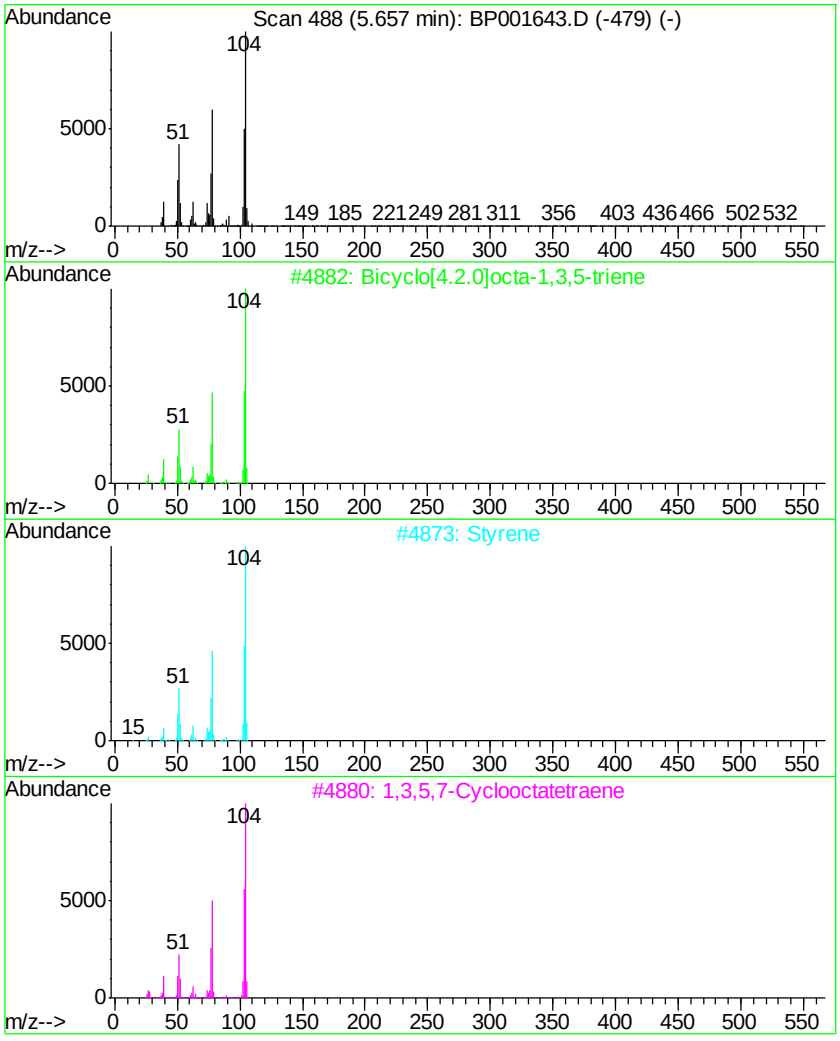
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

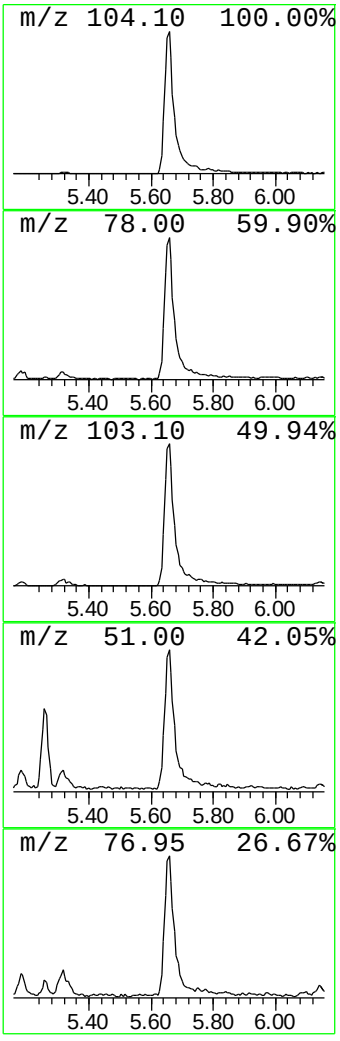
****

Peak Number 4 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	24.98 ng	390745	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	97
2	Styrene	104	C8H8	000100-42-5	97
3	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	91
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	59
5	1,3,7-Octatrien-5-yne	104	C8H8	016607-77-5	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001643.D
Acq On : 16 Jan 2020 23:45
Operator : JU
Sample : L1148-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-33-(5-7)

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

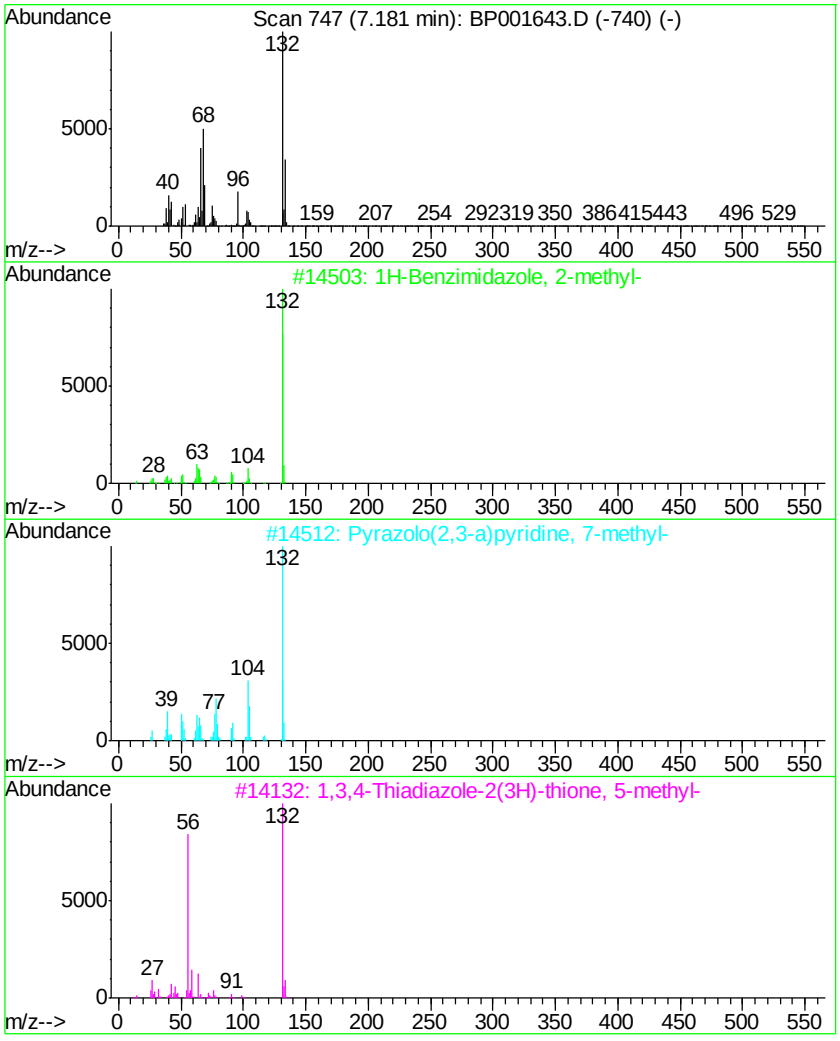
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

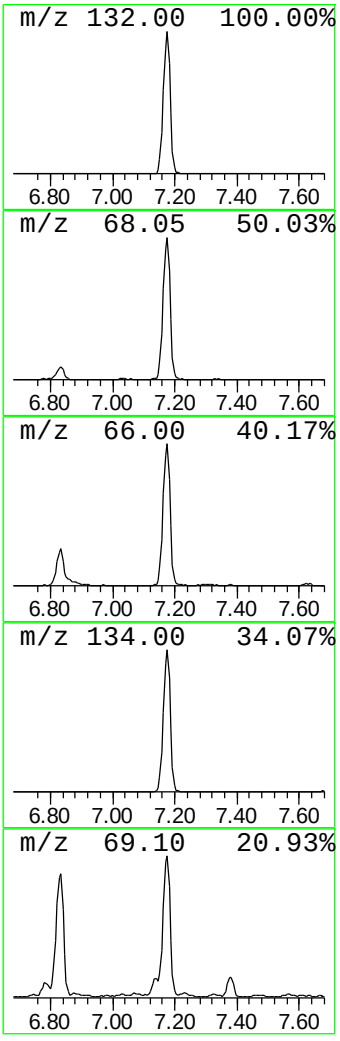
****

Peak Number 5 unknown7.18 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	88.27 ng	1380520	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
2	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	14
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
5	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001643.D
Acq On : 16 Jan 2020 23:45
Operator : JU
Sample : L1148-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-33-(5-7)

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

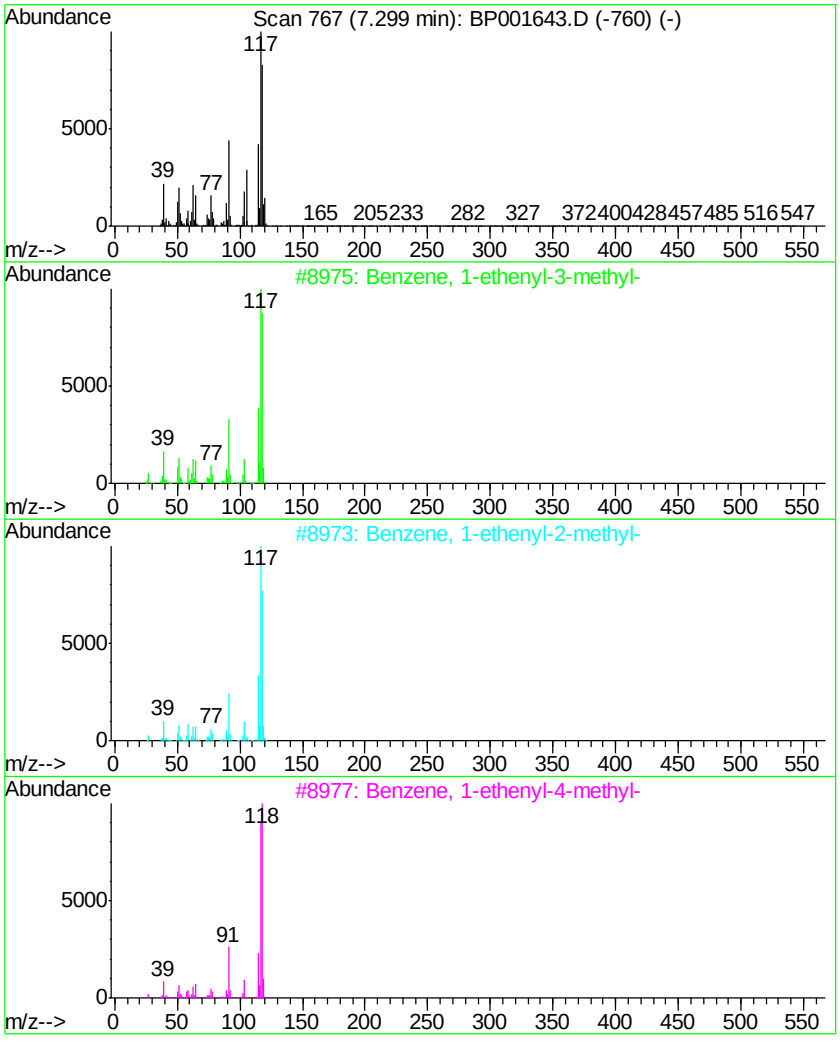
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

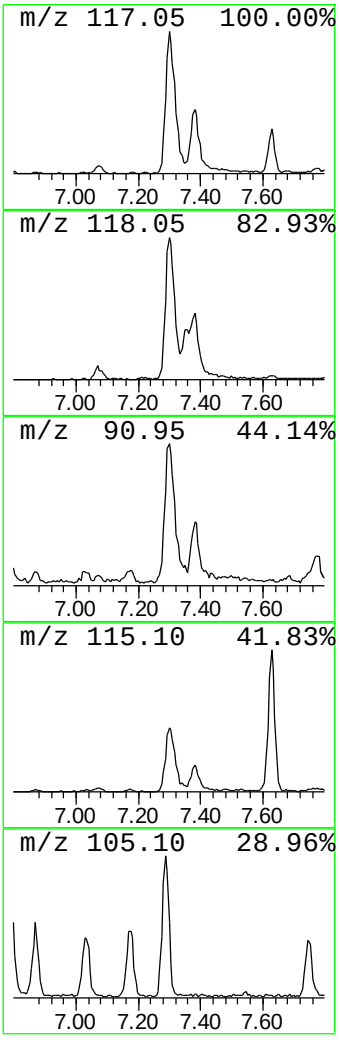
****

Peak Number 6 Benzene, 1-ethenyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	16.41 ng	256731	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	92
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	92
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001643.D
Acq On : 16 Jan 2020 23:45
Operator : JU
Sample : L1148-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-33-(5-7)

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

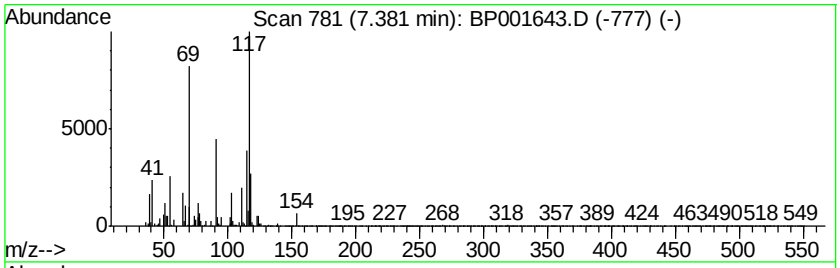
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

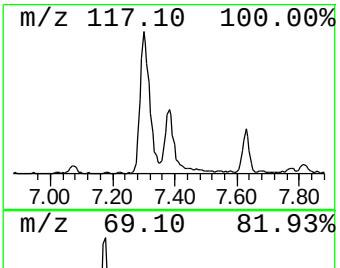
****

Peak Number 7 unknown7.38 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	6.97 ng	108946	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(chloromethyl)-3-ethe...	152	C9H9Cl	039833-65-3	38
2	Benzene, (3-chloroallyl)-	152	C9H9Cl	006268-37-7	35
3	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	35
4	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	32
5	1,3,5,7-Cyclooctatetraene, 1-butyl-	160	C12H16	013402-37-4	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001643.D
Acq On : 16 Jan 2020 23:45
Operator : JU
Sample : L1148-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-33-(5-7)

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

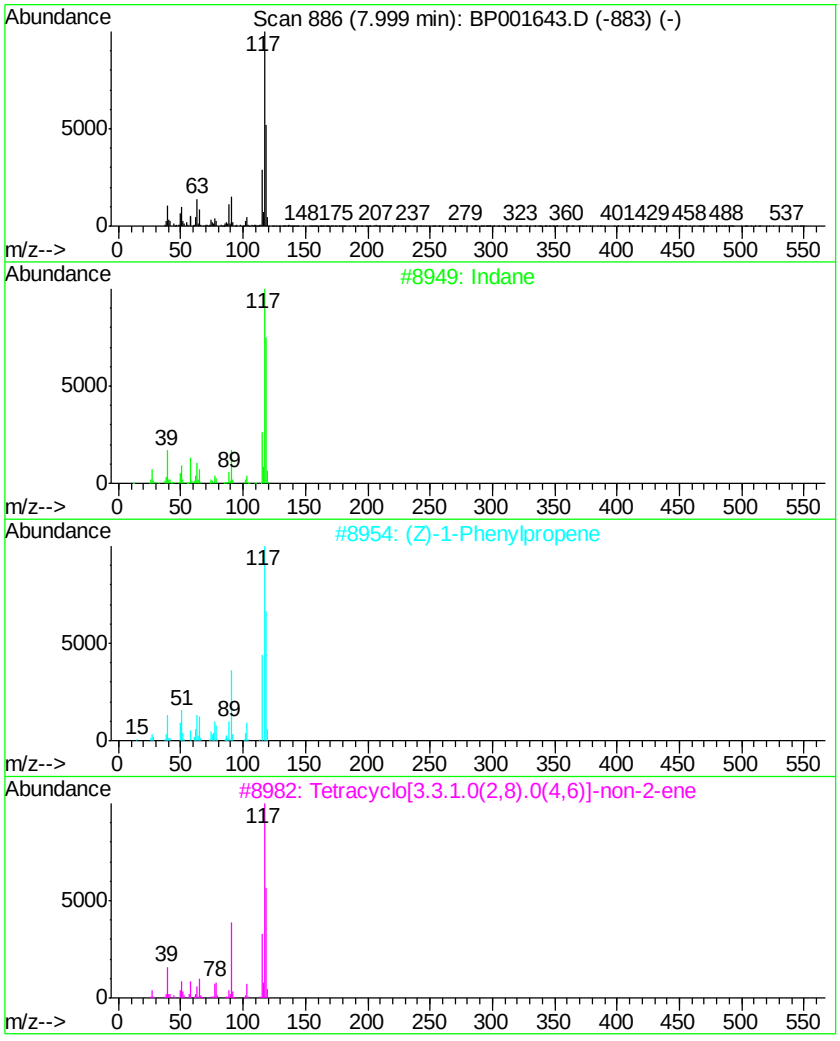
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

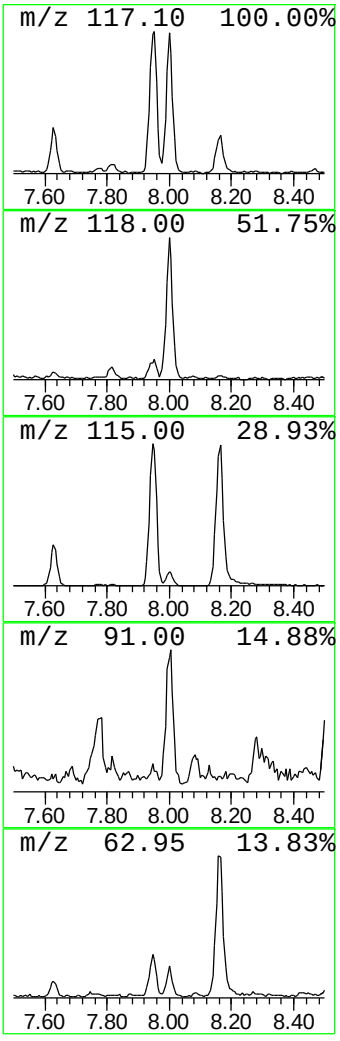
****

Peak Number 9 Indane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	6.39 ng	99961	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	81
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	74
4	Deltacyclene	118	C9H10	007785-10-6	64
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001643.D
Acq On : 16 Jan 2020 23:45
Operator : JU
Sample : L1148-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-33-(5-7)

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

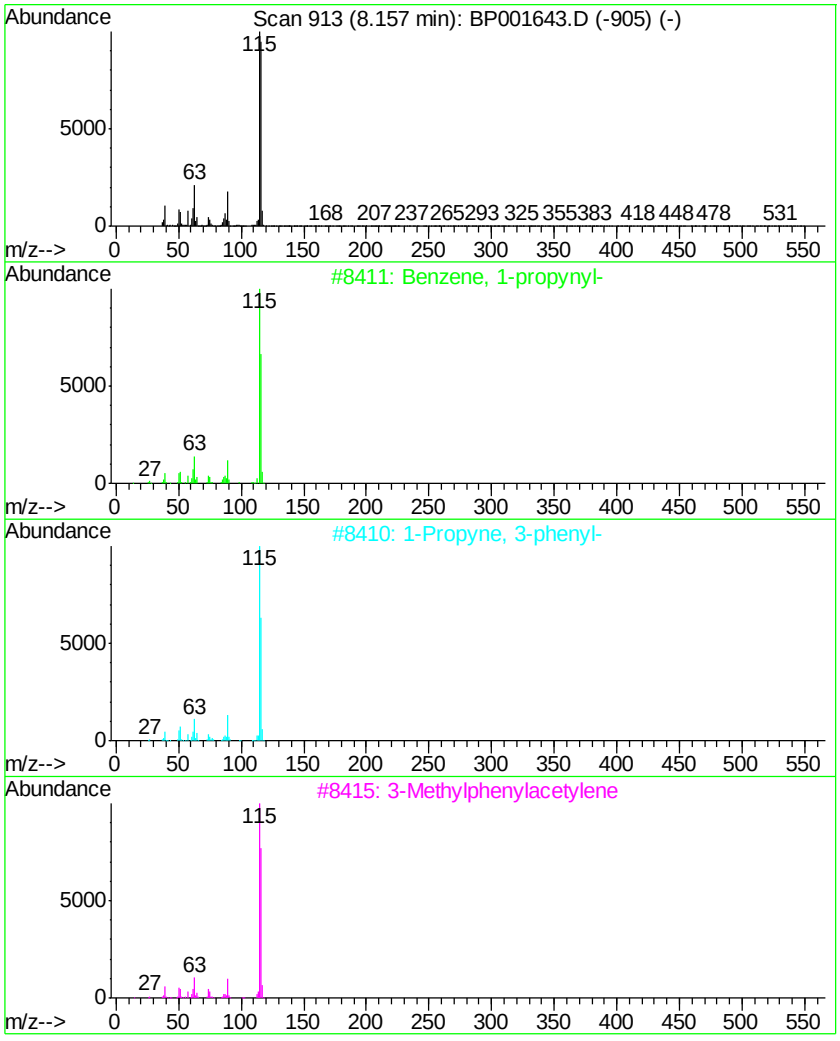
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

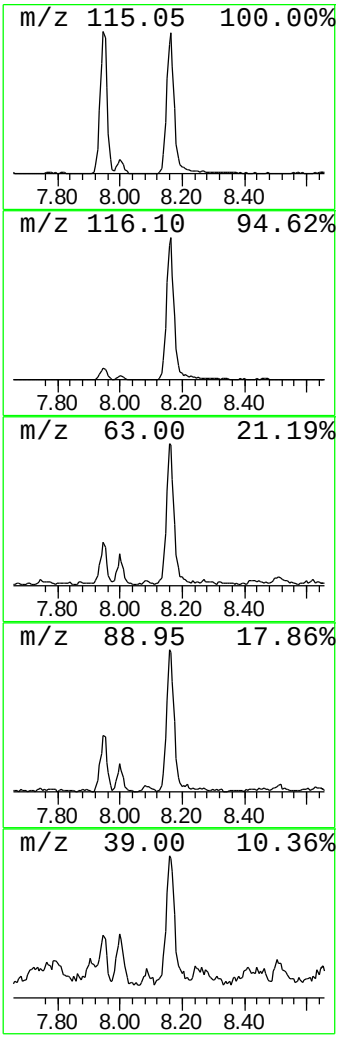
****

Peak Number 10 Benzene, 1-propynyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	23.26 ng	363761	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	Indene	116	C9H8	000095-13-6	91





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Data File : BP001643.D
Acq On : 16 Jan 2020 23:45
Operator : JU
Sample : L1148-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-33-(5-7)

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

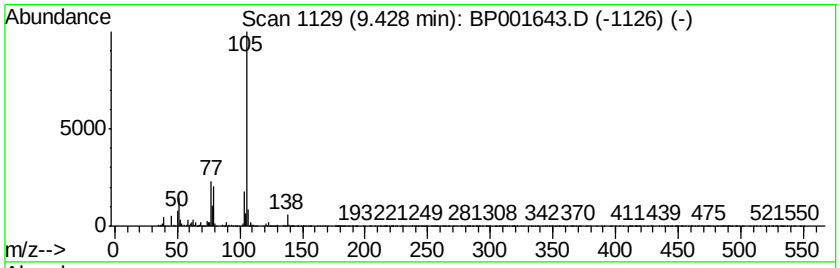
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

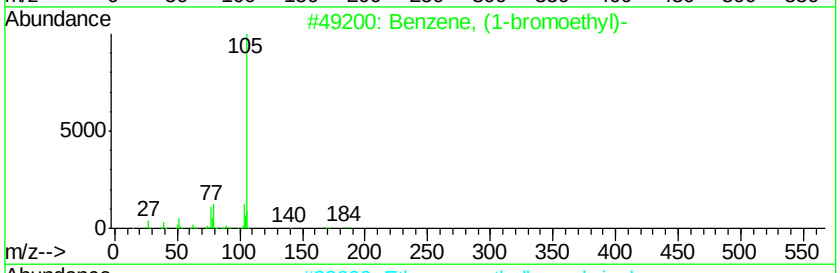
****

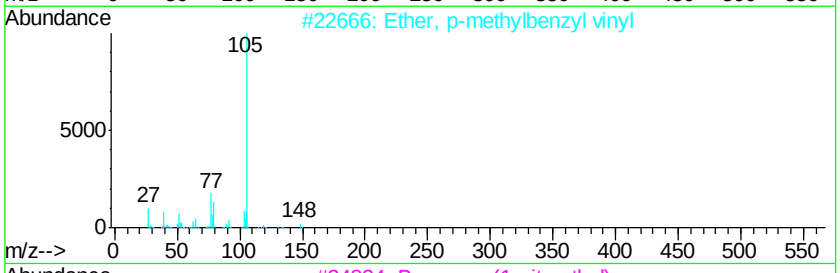
Peak Number 11 Benzene, (1-bromoethyl)- Concentration Rank 10

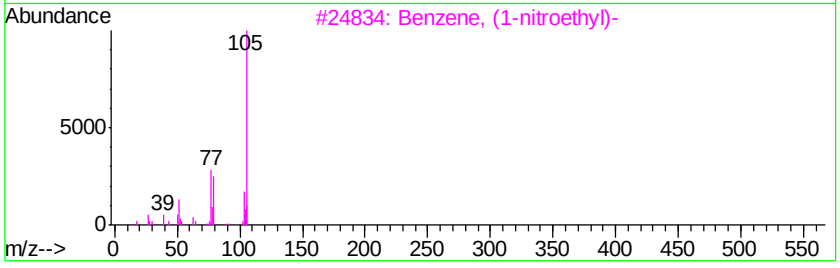
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	11.81 ng	223364	Naphthalene-d8	10.40

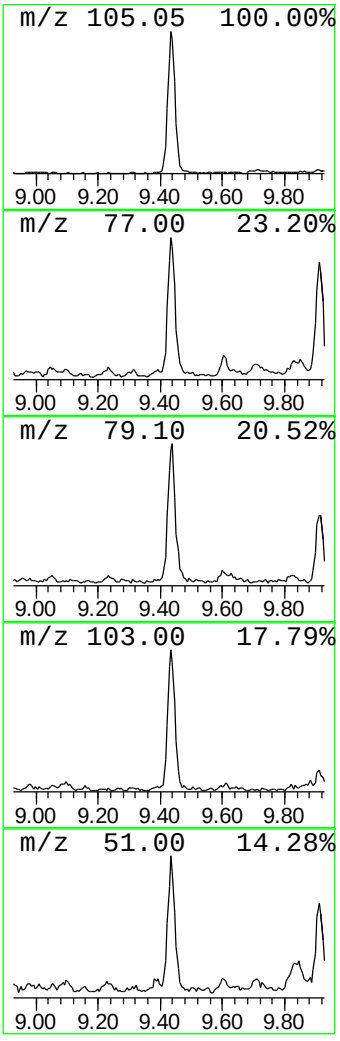
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-bromoethyl)-	184	C8H9Br	000585-71-7	78
2	Ether, p-methylbenzyl vinyl	148	C10H12O	026437-10-5	78
3	Benzene, (1-nitroethyl)-	151	C8H9NO2	007214-61-1	78
4	3-Methylbenzyl mercaptan	138	C8H10S	025697-56-7	74
5	Phenol, o-[(.alpha.-methylbenzyl...	262	C14H14O3S	029634-38-6	72











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Operator : JU
Sample : L1148-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-33-(5-7)

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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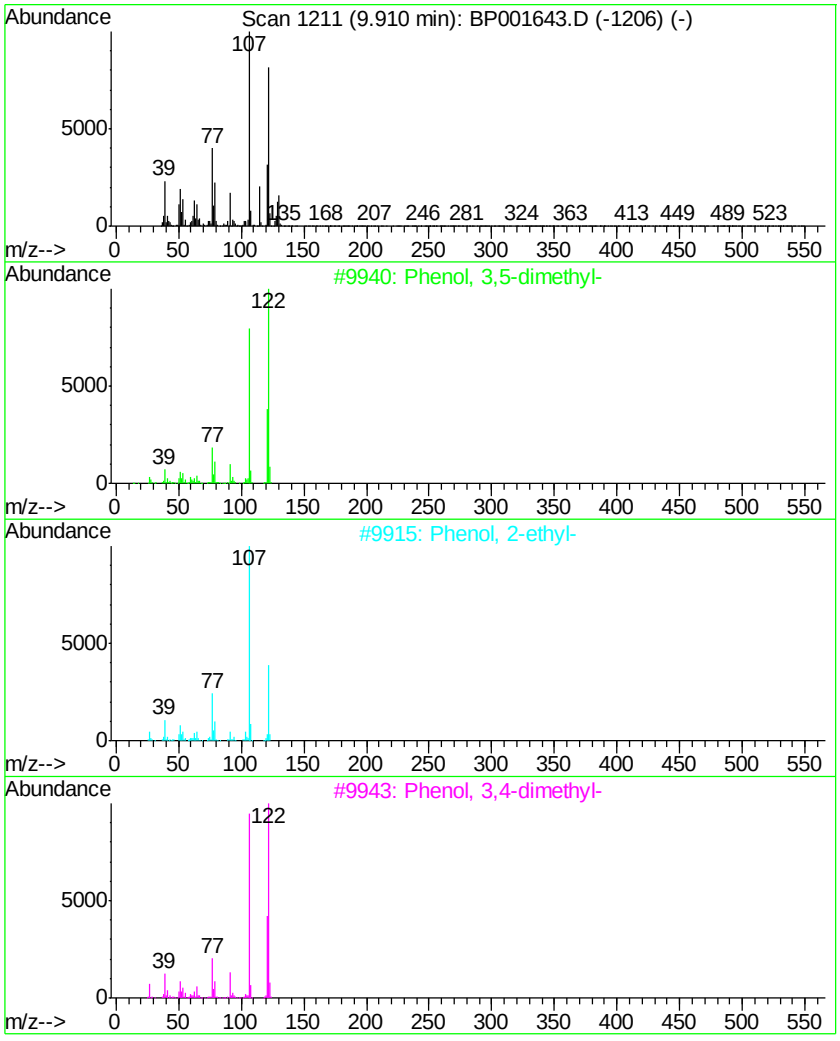
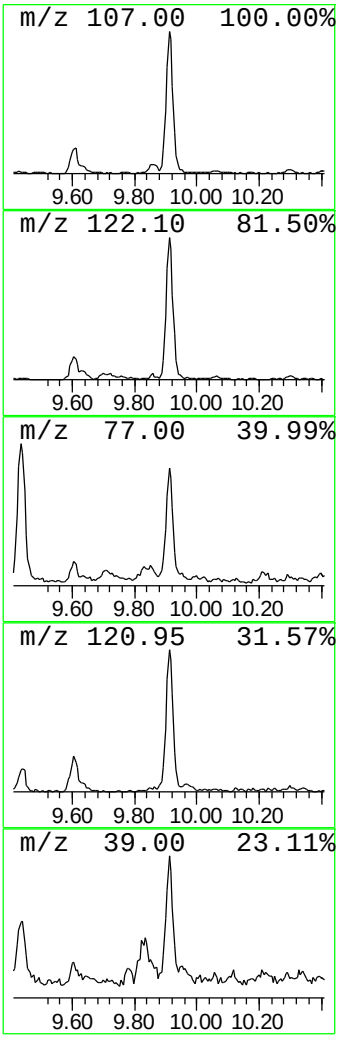
Peak Number 12 Phenol, 3,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	9.45 ng	178732	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	95
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	81
3	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	81
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	81
5	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	81





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Operator : JU
Sample : L1148-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-33-(5-7)

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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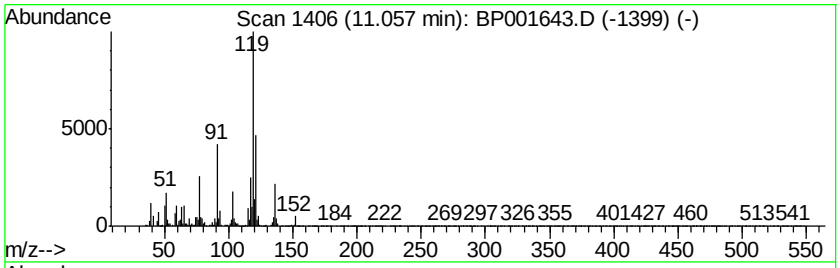
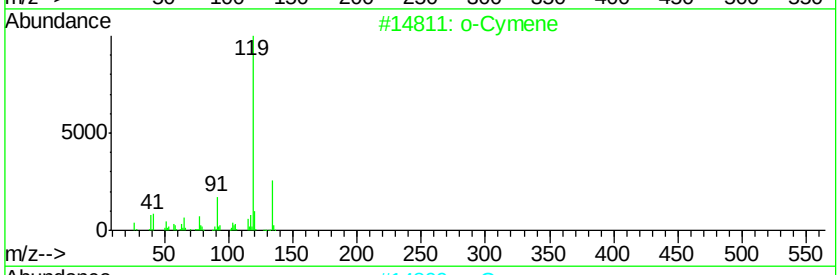
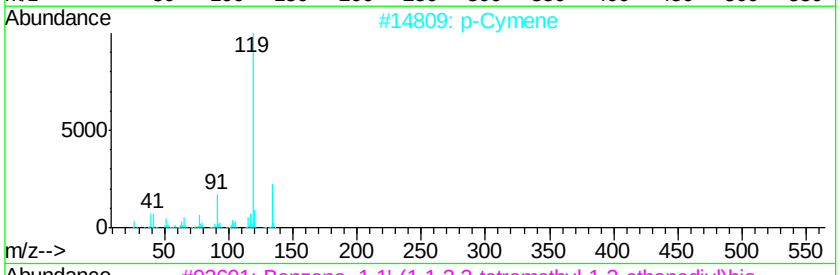
Peak Number 13 o-Cymene Concentration Rank 19

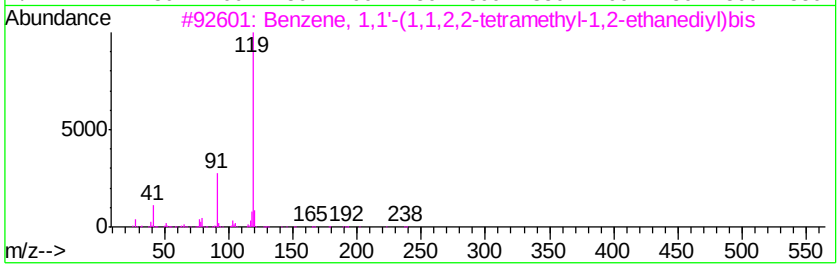
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	5.88 ng	111133	Naphthalene-d8	10.40

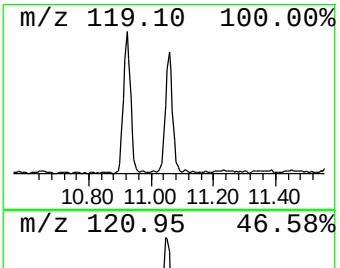
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	60
2	p-Cymene	134	C10H14	000099-87-6	49
3	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	47
4	4-Aminostyrene	119	C8H9N	001520-21-4	46
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	46

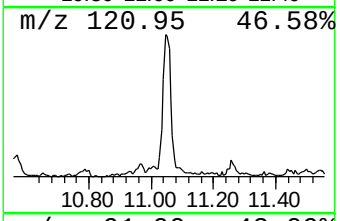


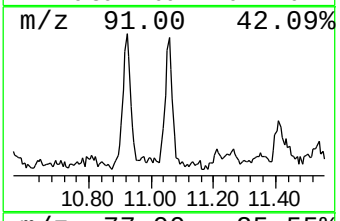


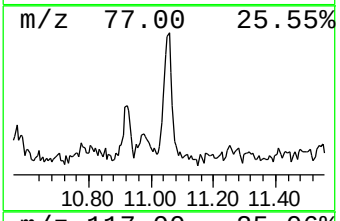


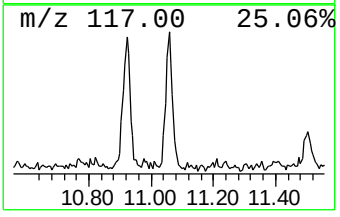












Library Search Compound Report

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Acq On : 16 Jan 2020 23:45
Operator : JU
Sample : L1148-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-33-(5-7)

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

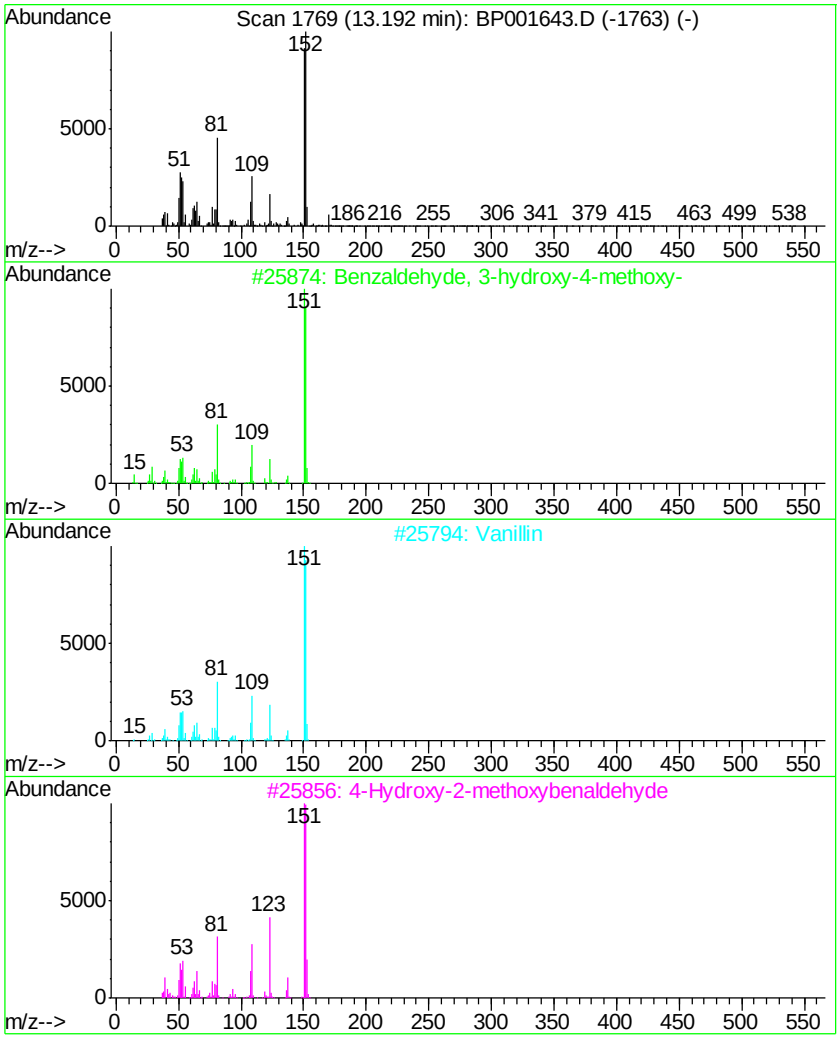
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

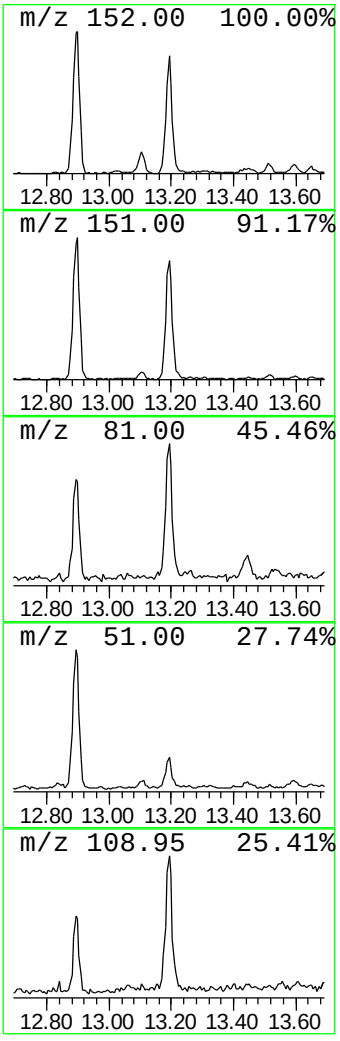
****

Peak Number 14 Benzaldehyde, 3-hydroxy-4-m... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	5.44 ng	127711	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	97
2	Vanillin	152	C8H8O3	000121-33-5	97
3	4-Hydroxy-2-methoxybenaldehyde	152	C8H8O3	018278-34-7	86
4	Benzaldehyde, 3-(chloroacetoxy)-...	228	C10H9ClO4	066267-38-7	83
5	Benzaldehyde, 2-hydroxy-4-methoxy-	152	C8H8O3	000673-22-3	50





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Sample : L1148-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-33-(5-7)

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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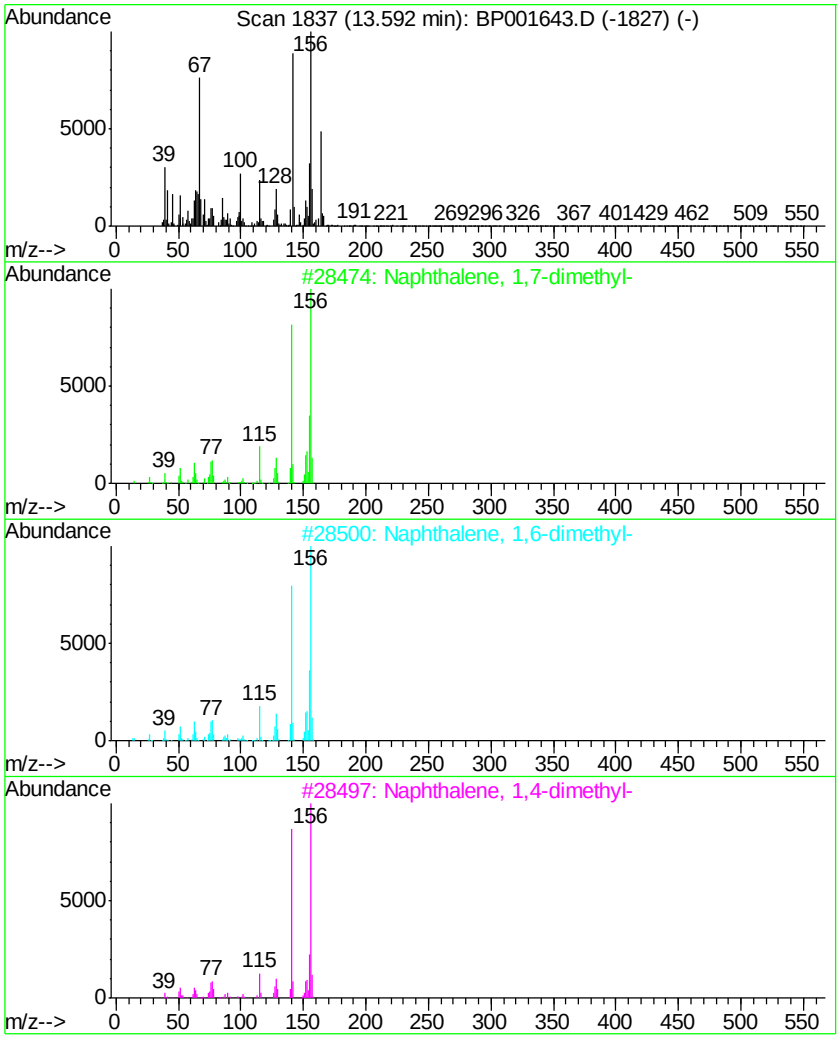
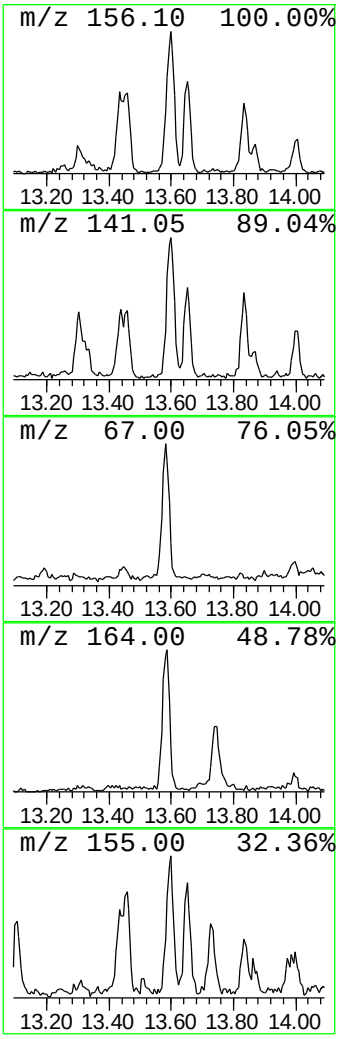
Peak Number 15 Naphthalene, 1,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	5.97 ng	140158	Acenaphthene-d10	14.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	86
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	86
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	86





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-33-(5-7)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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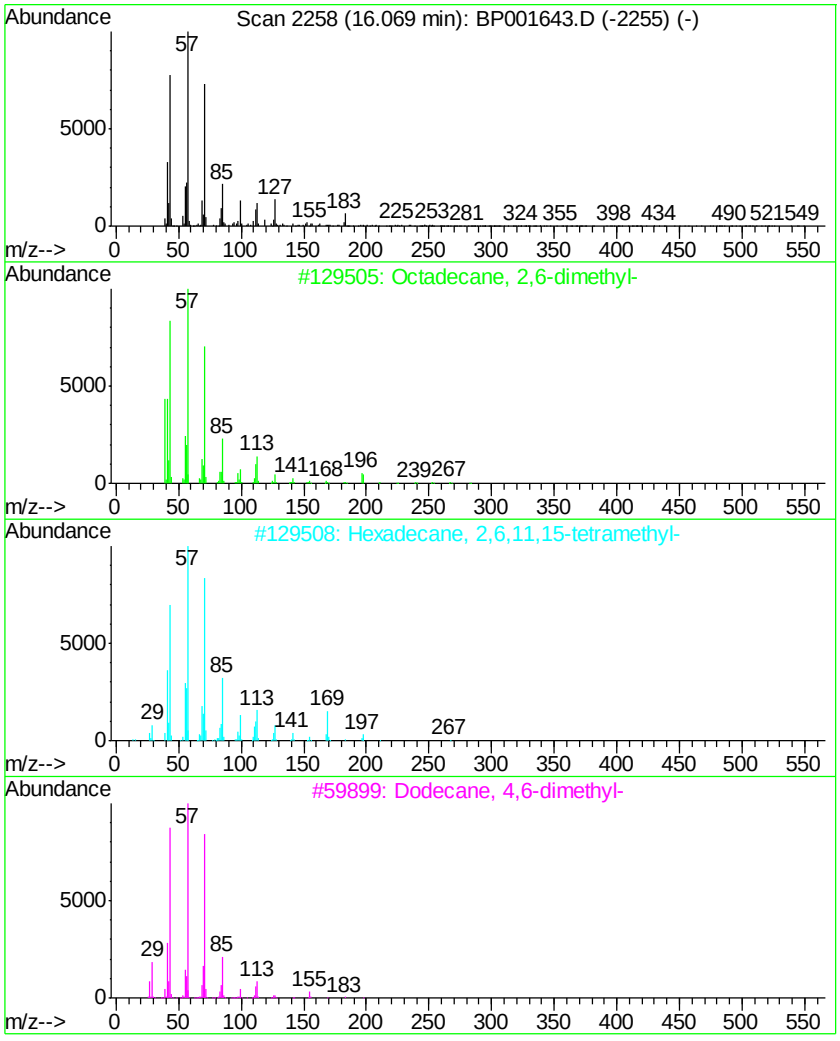
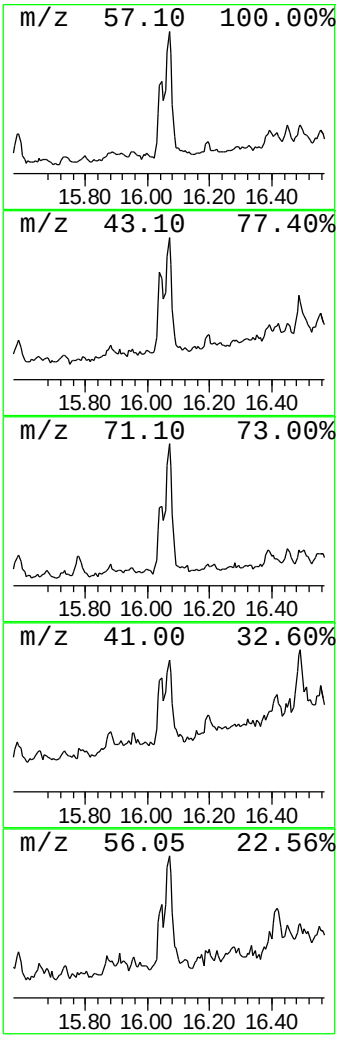
Peak Number 16 Octadecane, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	7.53 ng	204797	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	87
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	86
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	81
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	80
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	64





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Misc :
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId : SB-33-(5-7)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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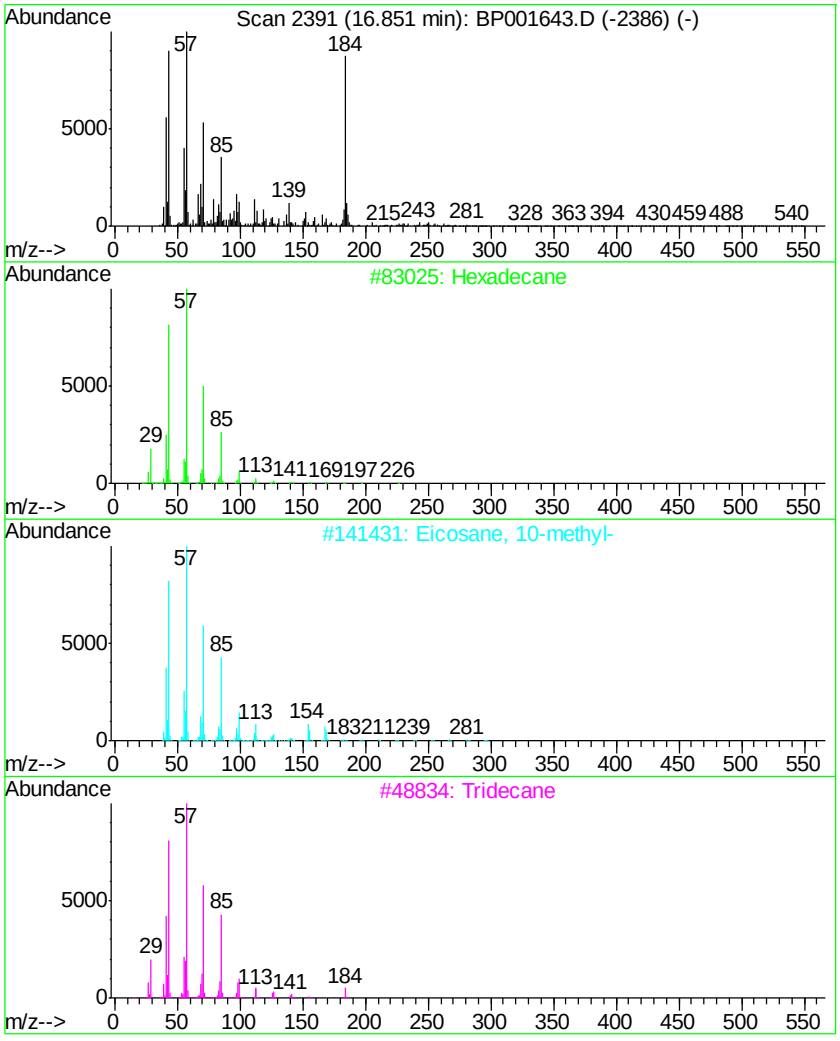
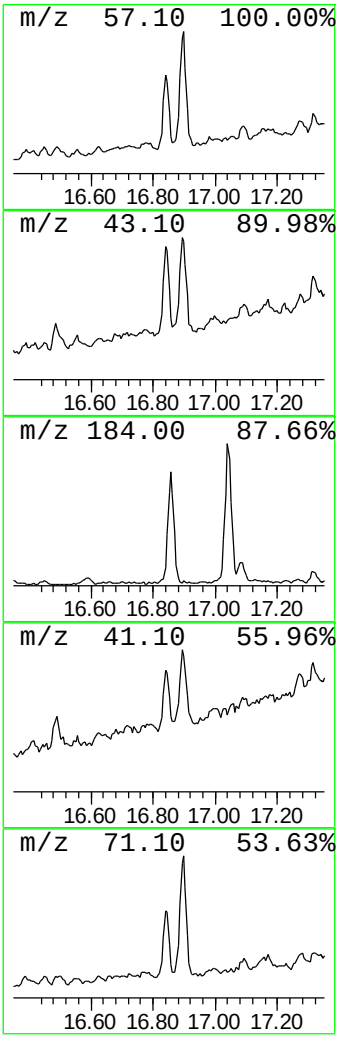
Peak Number 17 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	10.77 ng	292718	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
3	Tridecane	184	C13H28	000629-50-5	72
4	Octadecane	254	C18H38	000593-45-3	70
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	70





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-33-(5-7)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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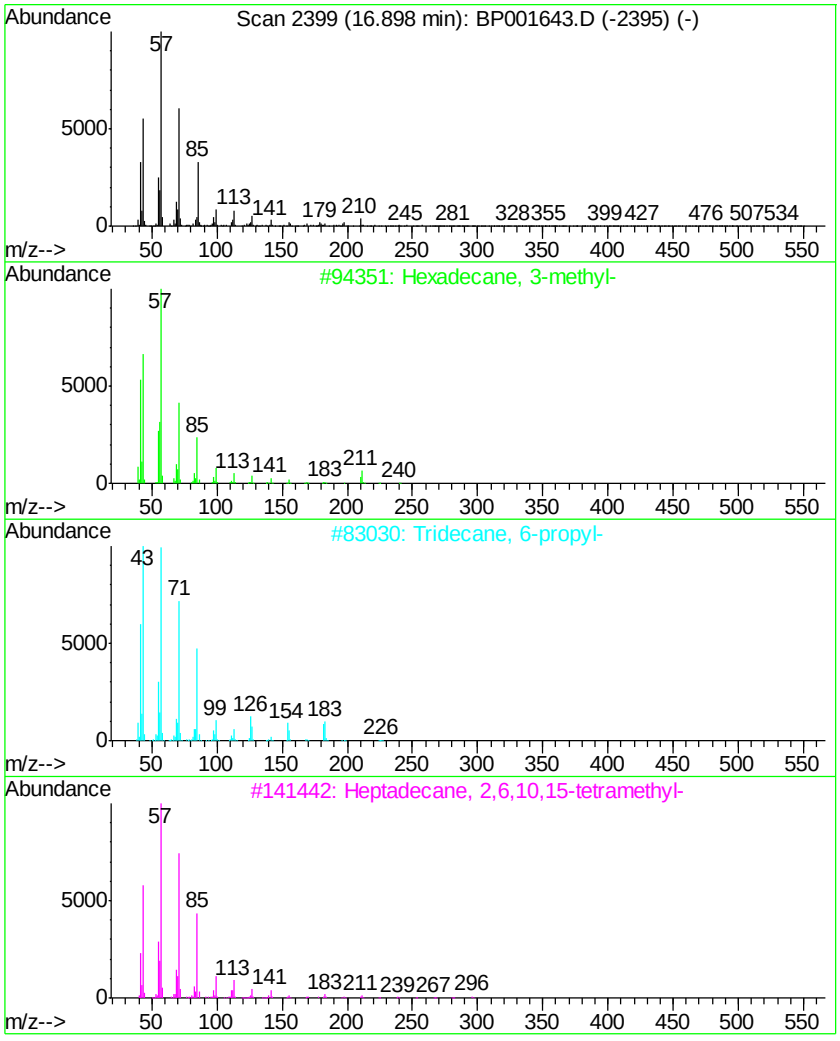
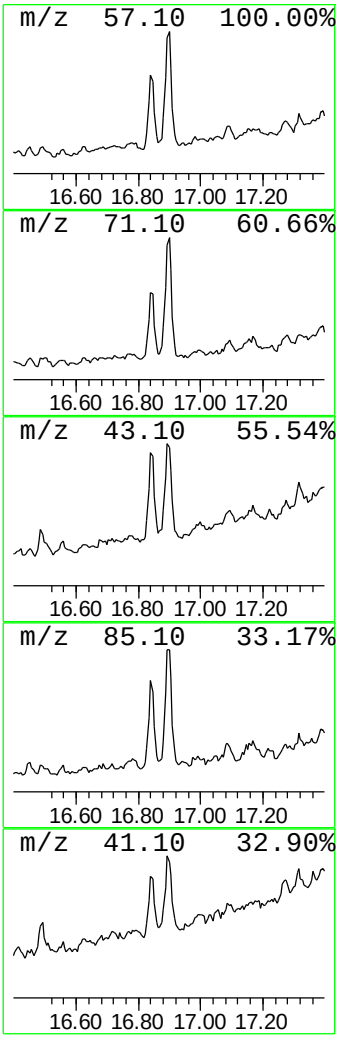
Peak Number 18 Hexadecane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	13.19 ng	358375	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	94
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4	Hexadecane	226	C16H34	000544-76-3	87
5	Heptacosane	380	C27H56	000593-49-7	87





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Acq On : 16 Jan 2020 23:45
Operator : JU
Sample : L1148-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-33-(5-7)

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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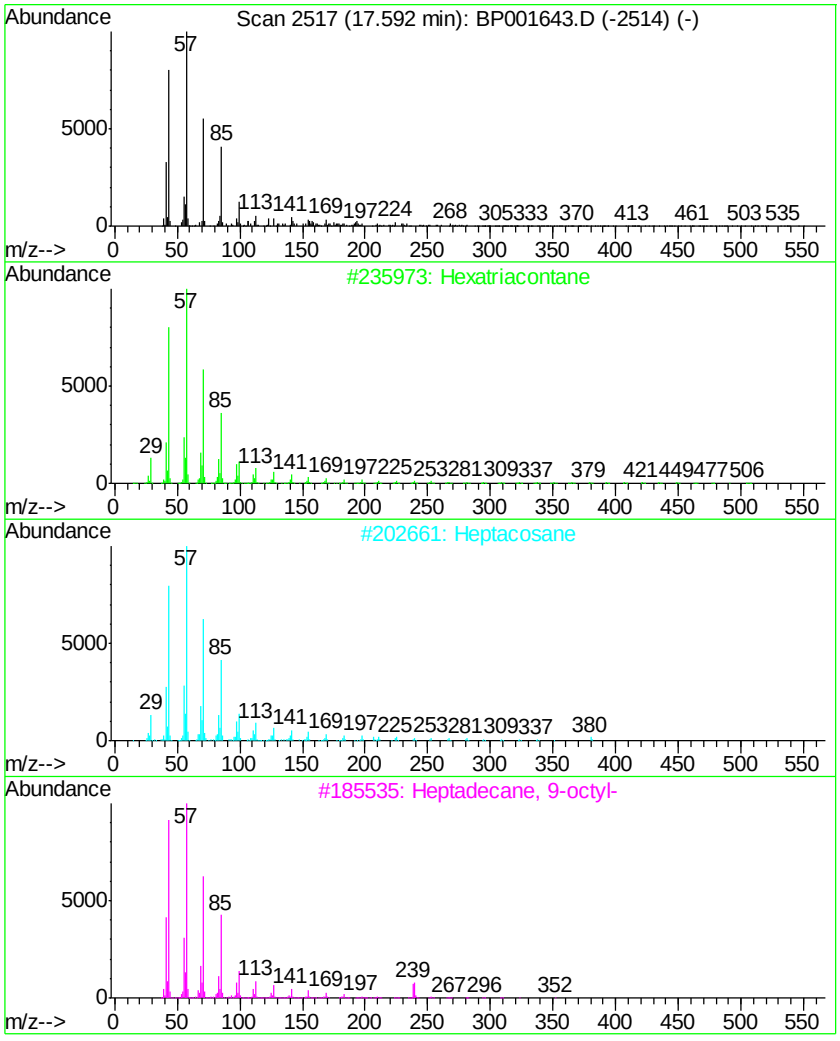
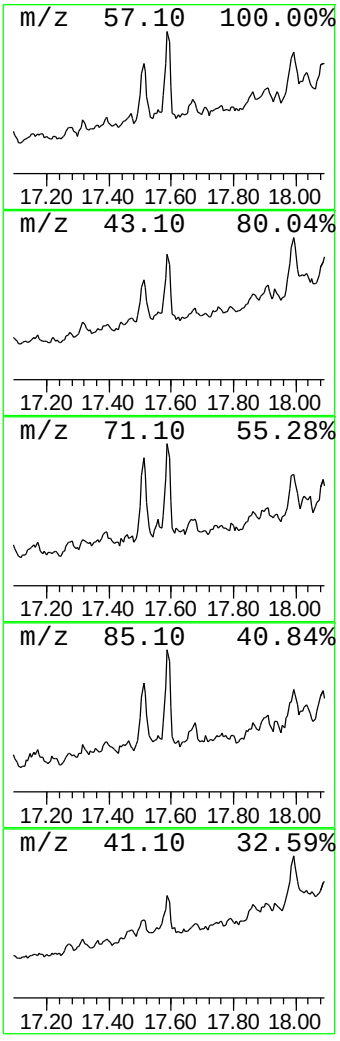
Peak Number 19 Hexatriacontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.59	8.10 ng	220160	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	94
2	Heptacosane	380	C27H56	000593-49-7	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Hexacosane	366	C26H54	000630-01-3	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001643.D
Acq On : 16 Jan 2020 23:45
Operator : JU
Sample : L1148-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-33-(5-7)

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

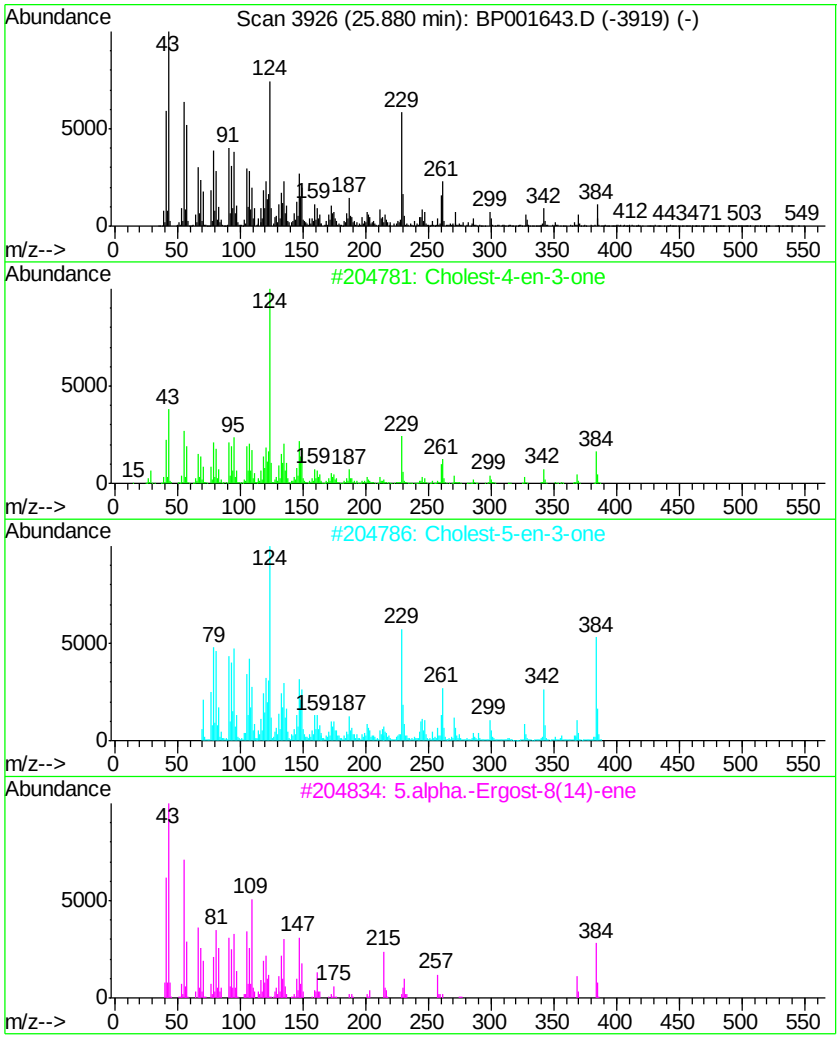
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

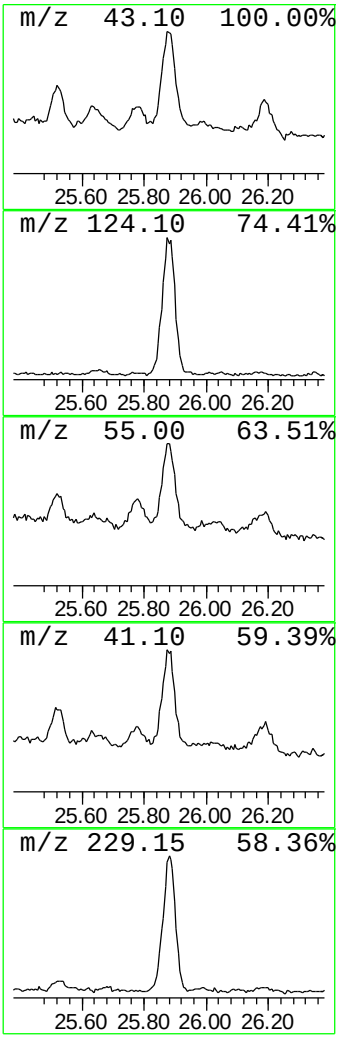
****

Peak Number 20 Cholest-4-en-3-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.88	20.00 ng	1646800	Perylene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholest-4-en-3-one	384	C27H44O	000601-57-0	96
2	Cholest-5-en-3-one	384	C27H44O	000601-54-7	91
3	5.alpha.-Ergost-8(14)-ene	384	C28H48	006673-69-4	55
4	4-Bromobutanoic acid, 2,6-dimeth...	314	C15H23BrO2	1000299-28-2	48
5	3.alpha.,5-Cyclo-5.alpha.-choles...	384	C27H44O	026753-93-5	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP011620\
Data File : BP001643.D
Acq On : 16 Jan 2020 23:45
Operator : JU
Sample : L1148-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-33-(5-7)

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	16.0	ng	250649	1	7.63	312812	20.0
2-Pentanone, 4-hy...	4.79	16.1	ng	252461	1	7.63	312812	20.0
Bicyclo[4.2.0]oct...	5.66	25.0	ng	390745	1	7.63	312812	20.0
unknown7.18	7.18	88.3	ng	1380520	1	7.63	312812	20.0
Benzene, 1-etheny...	7.30	16.4	ng	256731	1	7.63	312812	20.0
unknown7.38	7.38	7.0	ng	108946	1	7.63	312812	20.0
Indane	8.00	6.4	ng	99961	1	7.63	312812	20.0
Benzene, 1-propynyl-	8.16	23.3	ng	363761	1	7.63	312812	20.0
Benzene, (1-bromo...	9.43	11.8	ng	223364	2	10.40	378133	20.0
Phenol, 3,5-dimet...	9.91	9.4	ng	178732	2	10.40	378133	20.0
o-Cymene	11.06	5.9	ng	111133	2	10.40	378133	20.0
Benzaldehyde, 3-h...	13.19	5.4	ng	127711	3	14.27	469235	20.0
Naphthalene, 1,7-...	13.59	6.0	ng	140158	3	14.27	469235	20.0
Octadecane, 2,6-d...	16.07	7.5	ng	204797	4	17.04	543612	20.0
Hexadecane	16.85	10.8	ng	292718	4	17.04	543612	20.0
Hexadecane, 3-met...	16.90	13.2	ng	358375	4	17.04	543612	20.0
Hexatriacontane	17.59	8.1	ng	220160	4	17.04	543612	20.0
Cholest-4-en-3-one	25.88	20.0	ng	1646800	6	23.42	1646800	20.0