LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120719\
Data File : BP001267.D
Acq On : 07 Dec 2019 21:33
Operator : JU
Sample : K6113-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-03-120519

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-BP112719.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	2.346	41	44	57	rBV	28167	44475	3.02%	0.269%
2	5.610	595	599	613	rVB	115092	169050	11.48%	1.022%
3	6.210	696	701	716	rVB	767950	962582	65.35%	5.817%
4	7.751	958	963	972	rBV	904574	1032953	70.13%	6.242%
5	7.945	990	996	1011	rBV	885145	1022515	69.42%	6.179%
6	8.310	1052	1058	1067	rBV	438491	497203	33.76%	3.005%
7	8.551	1093	1099	1104	rBV	675612	793733	53.89%	4.797%
8	9.186	1201	1207	1217	rBV	571184	642466	43.62%	3.883%
9	10.339	1398	1403	1408	rBV	499458	597786	40.59%	3.613%
10	11.122	1529	1536	1540	rBV5	11662	20066	1.36%	0.121%
11	11.286	1555	1564	1567	rVB	12953	17022	1.16%	0.103%
12	11.398	1579	1583	1587	rBV2	21481	27664	1.88%	0.167%
13	11.510	1597	1602	1607	rVB	149408	177142	12.03%	1.071%
14	11.663	1623	1628	1633	rVB	79287	94174	6.39%	0.569%
15	12.122	1698	1706	1711	rBV	1112139	1266972	86.02%	7.657%
16	12.322	1737	1740	1744	rBV	18479	22533	1.53%	0.136%
17	12.427	1754	1758	1766	rVB2	17646	29019	1.97%	0.175%
18	12.545	1772	1778	1784	rVB4	17288	34212	2.32%	0.207%
19	12.657	1791	1797	1801	rBV	31072	46841	3.18%	0.283%
20	12.698	1801	1804	1809	rVB	17224	23429	1.59%	0.142%
21	12.786	1816	1819	1823	rVB	59423	64927	4.41%	0.392%
22	12.851	1825	1830	1842	rVB3	18102	39027	2.65%	0.236%
23	12.969	1844	1850	1855	rBV	26109	39617	2.69%	0.239%
24	13.204	1884	1890	1895	rBV	657871	785133	53.31%	4.745%
25	13.257	1895	1899	1903	rVB	26133	32311	2.19%	0.195%
26	13.539	1943	1947	1956	rVB3	16417	27222	1.85%	0.165%
27	14.104	2038	2043	2051	rVB	32167	41899	2.84%	0.253%
28	14.492	2102	2109	2121	rBV	720603	896811	60.89%	5.420%
29	14.698	2140	2144	2148	rBV2	12557	16030	1.09%	0.097%
30	15.298	2242	2246	2254	rVB2	15390	24353	1.65%	0.147%
31	15.439	2266	2270	2274	rVB	18427	20310	1.38%	0.123%
32	15.604	2292	2298	2301	rBV	686341	830149	56.36%	5.017%
33	15.633	2301	2303	2309	rVB	285986	294411	19.99%	1.779%
34	15.710	2313	2316	2320	rVB	68457	74301	5.04%	0.449%

LSC Area Percent Report

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Sample : K6113-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-03-120519

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-BP112719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.957	2355	2358	2365	rVB	25428	36173	2.46%	0.219%
36	16.104	2380	2383	2389	rVB5	12041	16758	1.14%	0.101%
37	16.357	2422	2426	2429	rBV	39244	45719	3.10%	0.276%
38	16.392	2429	2432	2438	rVB	51186	60590	4.11%	0.366%
39	16.457	2440	2443	2446	rBV	18407	23924	1.62%	0.145%
40	16.510	2446	2452	2455	rVV2	69969	122198	8.30%	0.738%
41	16.545	2455	2458	2463	rVB2	30856	37842	2.57%	0.229%
42	16.786	2495	2499	2501	rBV	27428	37143	2.52%	0.224%
43	17.139	2555	2559	2563	rBV2	28166	36294	2.46%	0.219%
44	17.186	2563	2567	2569	rBV2	19991	25137	1.71%	0.152%
45	17.345	2590	2594	2598	rBV	393309	401463	27.26%	2.426%
46	17.433	2606	2609	2613	rVB5	13146	16285	1.11%	0.098%
47	17.545	2624	2628	2631	rBV3	16913	24924	1.69%	0.151%
48	17.651	2641	2646	2650	rBV	358061	411131	27.91%	2.485%
49	17.827	2673	2676	2679	rBV	23427	24338	1.65%	0.147%
50	17.880	2680	2685	2689	rVV	1438266	1472894	100.00%	8.901%
51	17.957	2695	2698	2702	rVB2	19791	28936	1.96%	0.175%
52	18.080	2715	2719	2720	rBV3	18570	26898	1.83%	0.163%
53	18.104	2720	2723	2730	rVB2	56601	67066	4.55%	0.405%
54	18.192	2735	2738	2742	rVB2	45487	46680	3.17%	0.282%
55	18.239	2742	2746	2750	rBV2	53457	72550	4.93%	0.438%
56	18.357	2763	2766	2769	rBV	31903	33421	2.27%	0.202%
57	18.398	2771	2773	2779	rVB	23539	28596	1.94%	0.173%
58	18.915	2857	2861	2864	rBV2	25558	36234	2.46%	0.219%
59	18.956	2865	2868	2870	rBV	22823	24716	1.68%	0.149%
60	19.133	2894	2898	2907	rBV5	55182	125640	8.53%	0.759%
61	19.239	2910	2916	2920	rVV2	682676	917765	62.31%	5.546%
62	19.274	2920	2922	2925	rVB	136798	121345	8.24%	0.733%
63	19.533	2964	2966	2971	rVB3	28957	28514	1.94%	0.172%
64	19.921	3030	3032	3035	rBV	30844	28683	1.95%	0.173%
65	20.298	3094	3096	3099	rVB	43086	36545	2.48%	0.221%
66	20.527	3131	3135	3138	rBV	126196	201617	13.69%	1.218%
67	20.868	3191	3193	3201	rVB2	70903	125860	8.55%	0.761%
68	20.939	3202	3205	3209	rVB	115009	136212	9.25%	0.823%
69	21.015	3213	3218	3226	rVB	488424	707261	48.02%	4.274%
70	22.333	3438	3442	3450	rVB3	128337	251500	17.08%	1.520%

LSC Area Percent Report

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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-03-120519

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 16547190

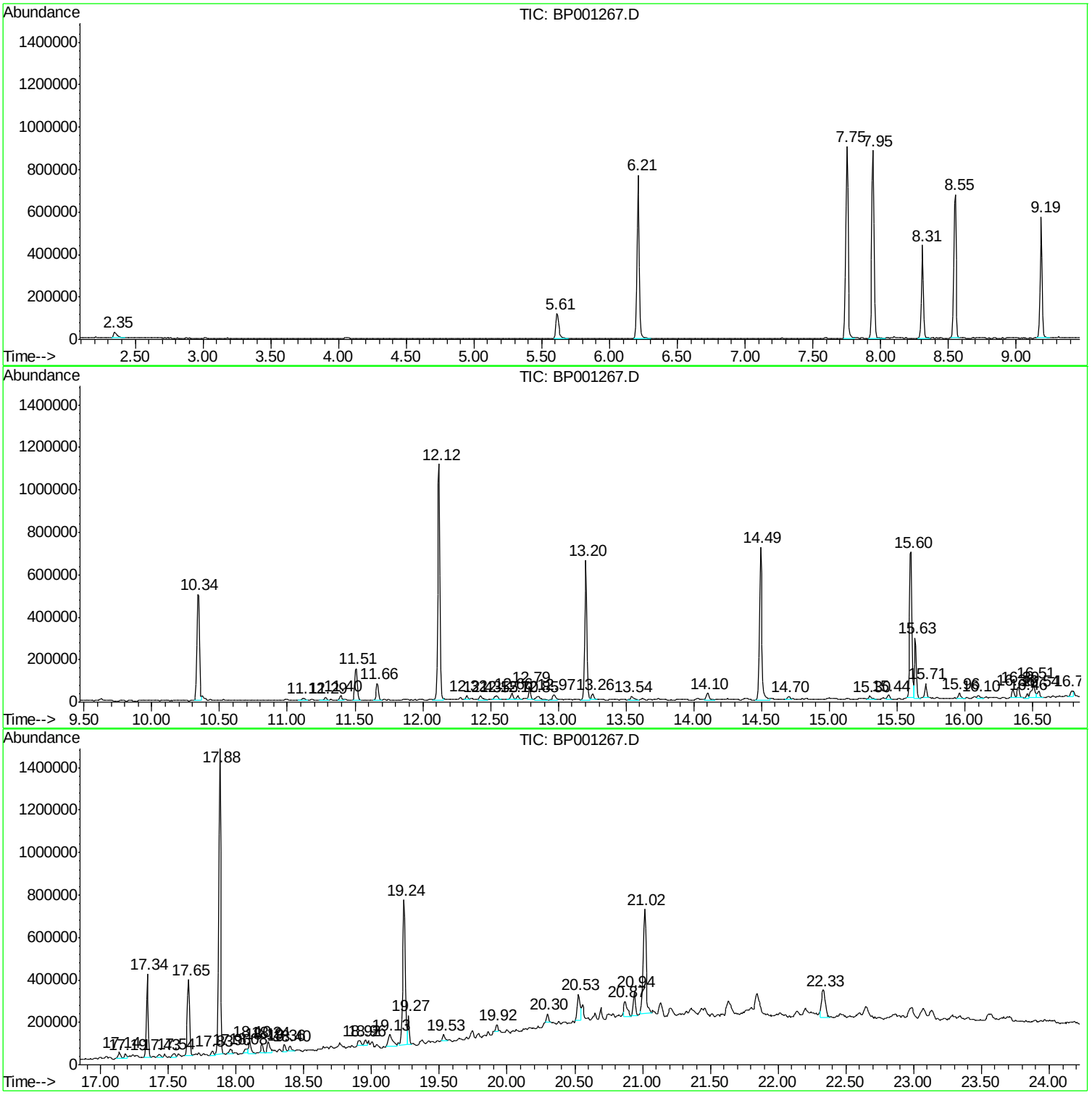
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120719\
Data File : BP001267.D
Acq On : 07 Dec 2019 21:33
Operator : JU
Sample : K6113-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-03-120519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.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\BP120719\
Data File : BP001267.D
Acq On : 07 Dec 2019 21:33
Operator : JU
Sample : K6113-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-03-120519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

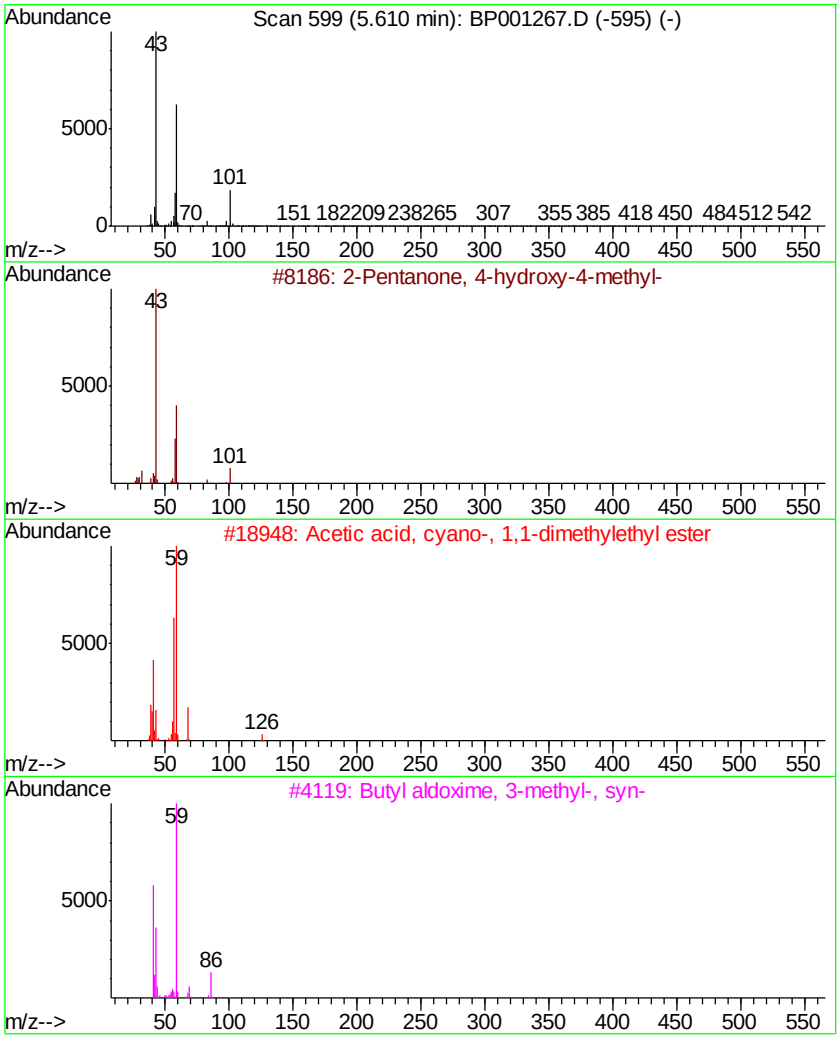
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

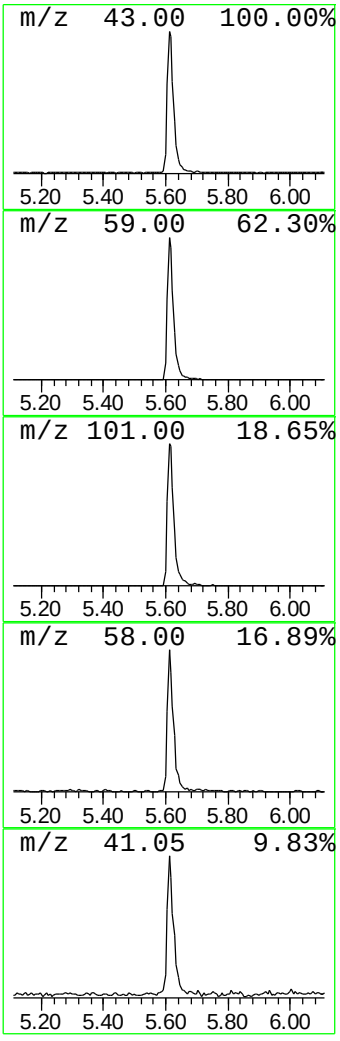
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.61	6.80 ng	169050	1,4-Dichlorobenzene-d4	8.31

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
4	Acetone	58	C3H6O	000067-64-1	12
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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Instrument : BNA_P
ClientSampleId : OR-03-120519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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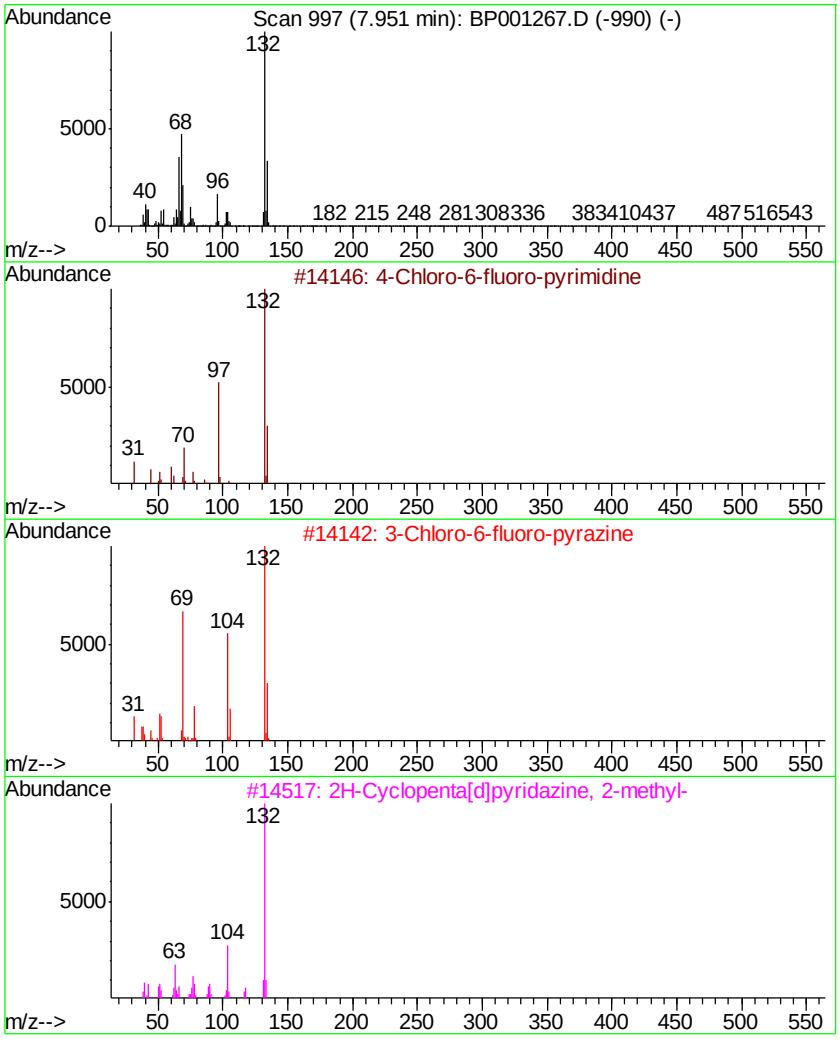
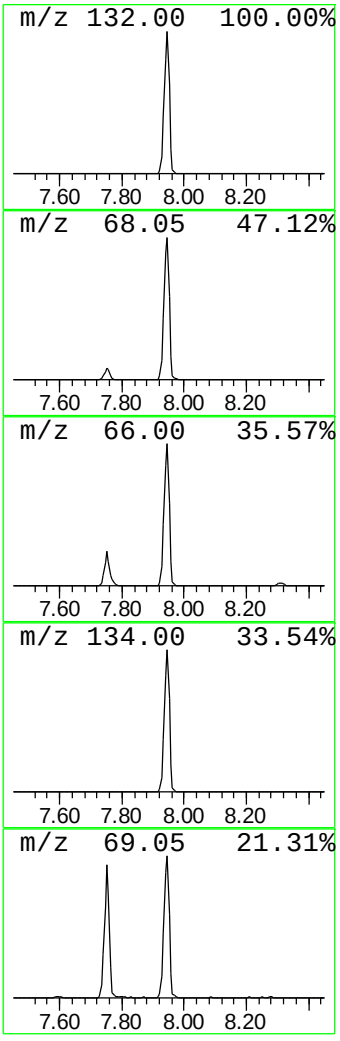
****

Peak Number 2 unknown7.95 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	41.13 ng	1022520	1,4-Dichlorobenzene-d4	8.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	14
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	5-Aminoindole	132	C8H8N2	005192-03-0	10





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ClientSampleId : OR-03-120519

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

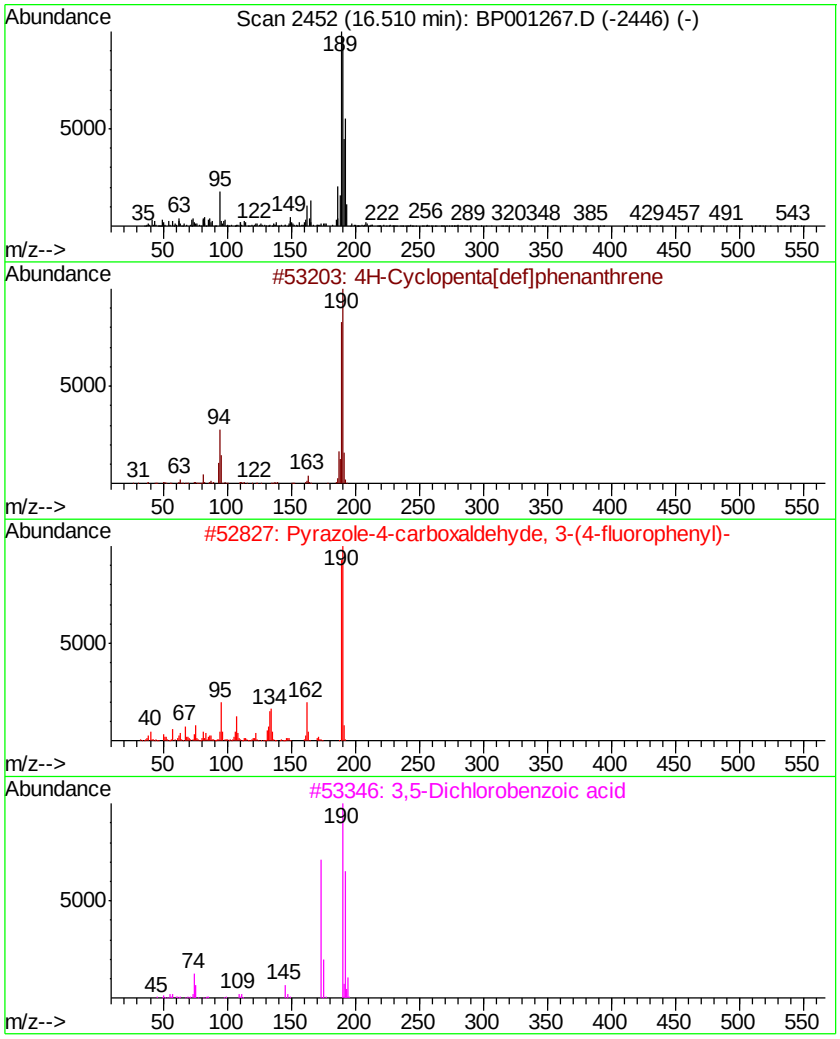
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

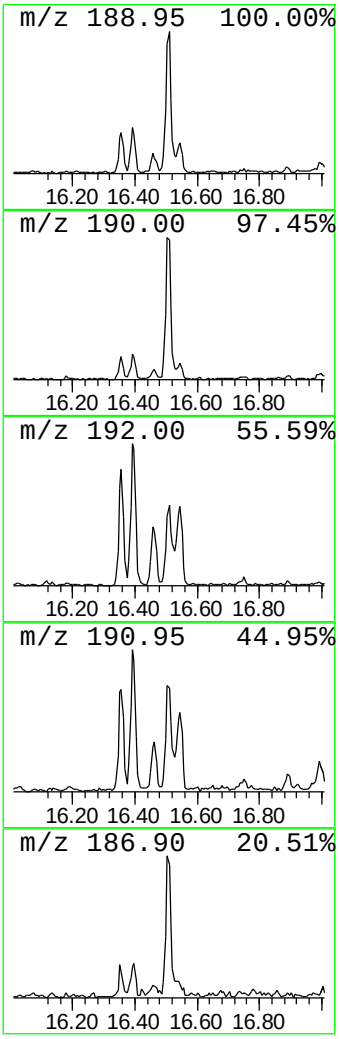
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	2.94 ng	122198	Phenanthrene-d10	15.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	46
3	3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	30
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	30
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

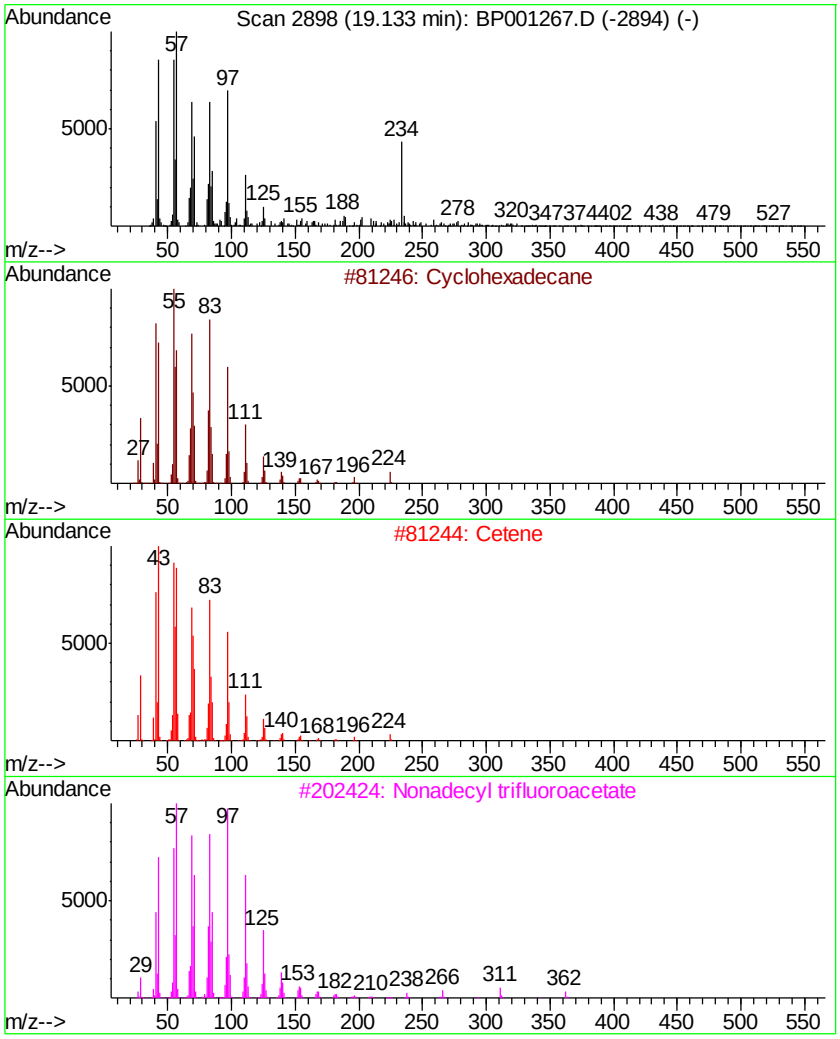
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

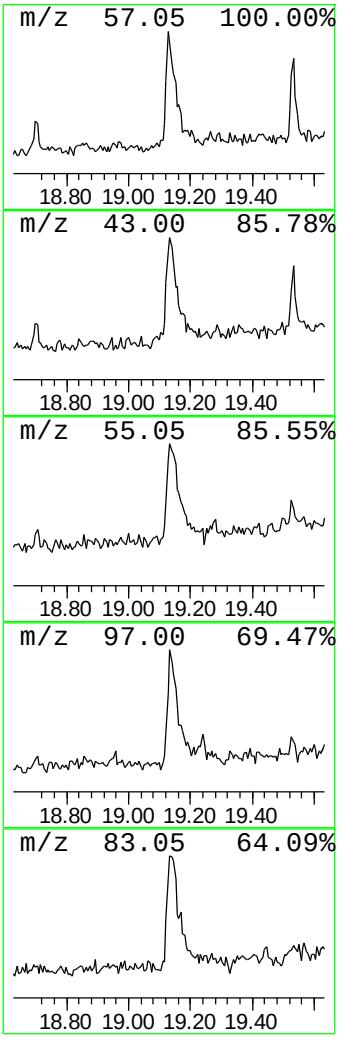
****

Peak Number 5 Cyclohexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	2.74 ng	125640	Chrysene-d12	19.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	Cetene	224	C16H32	000629-73-2	83
3	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	76
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	76
5	1-Tricosene	322	C23H46	018835-32-0	68





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

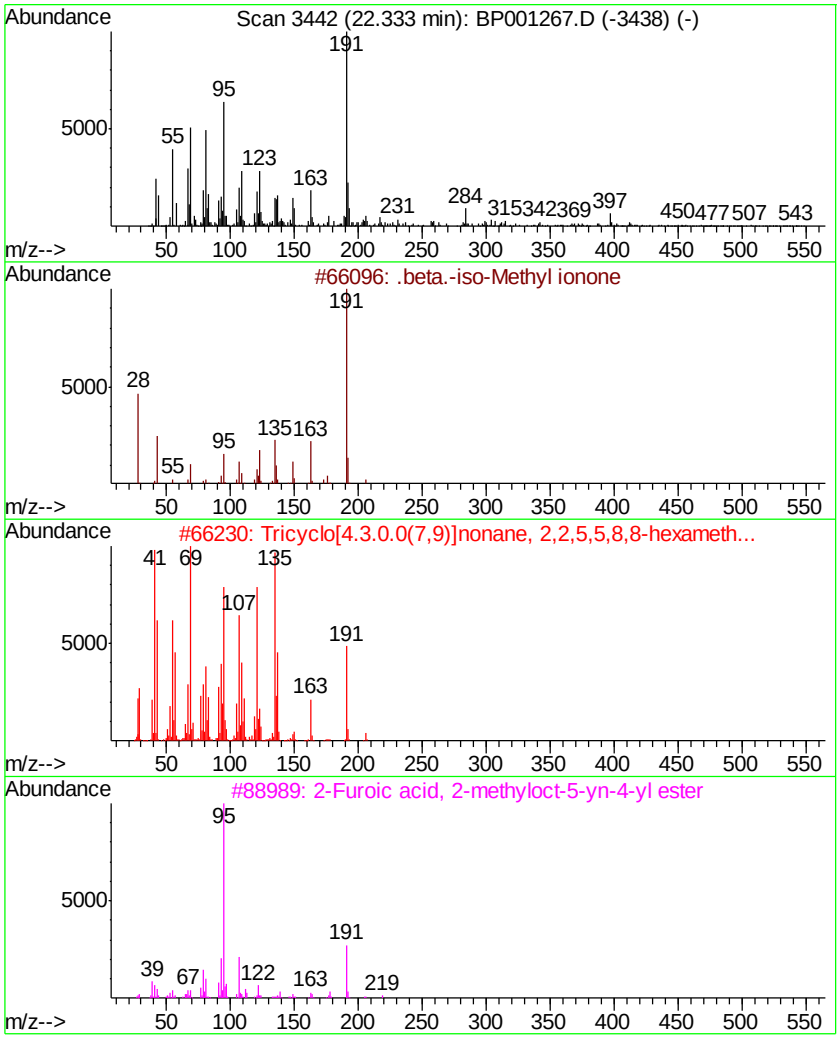
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

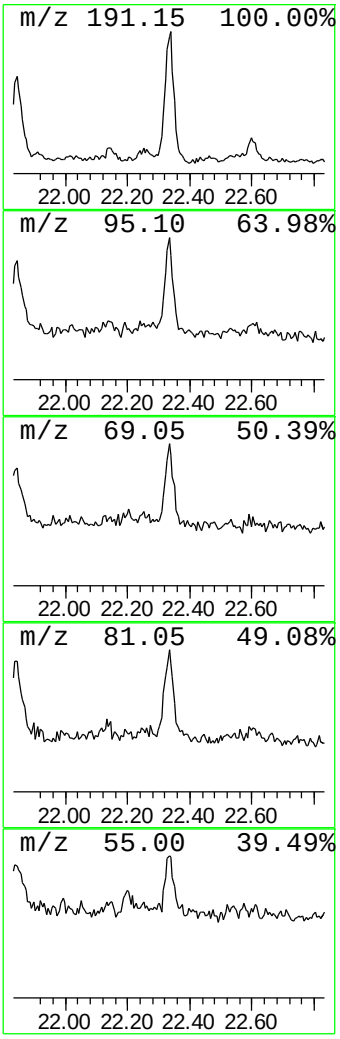
****

Peak Number 7 .beta.-iso-Methyl ionone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	7.11 ng	251500	Perylene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	62
2	Tricyclo[4.3.0.0(7,9)]nonane, 2,...	206	C15H26	054832-82-5	50
3	2-Furoic acid, 2-methyloct-5-yn-...	234	C14H18O3	1000299-23-7	47
4	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	43
5	Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	35





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.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
2-Pentanone, 4-hy...	5.61	6.8	ng	169050	1	8.31	497203	20.0
unknown7.95	7.95	41.1	ng	1022520	1	8.31	497203	20.0
4H-Cyclopenta[def...	16.51	2.9	ng	122198	4	15.60	830149	20.0
Cyclohexadecane	19.13	2.7	ng	125640	5	19.24	917765	20.0
.beta.-iso-Methyl...	22.33	7.1	ng	251500	6	21.02	707261	20.0