LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101019\
Data File : BP000627.D
Acq On : 10 Oct 2019 19:40
Operator : JU
Sample : K5285-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2-S

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-BP100119.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	3.781	277	288	298	rBV	1961993	2716476	52.69%	4.610%
2	4.387	386	391	399	rBV4	49414	70828	1.37%	0.120%
3	4.958	484	488	494	rBV2	205547	261099	5.06%	0.443%
4	5.340	549	553	554	rBV	62763	64647	1.25%	0.110%
5	5.375	554	559	562	rVV	4596613	4078498	79.11%	6.922%
6	5.599	595	597	605	rVB3	40627	73990	1.44%	0.126%
7	5.669	605	609	614	rBV2	68428	73951	1.43%	0.126%
8	5.781	622	628	632	rVB3	50046	71000	1.38%	0.120%
9	5.916	645	651	655	rVB2	81440	98211	1.91%	0.167%
10	6.011	664	667	669	rBV	240569	204764	3.97%	0.348%
11	6.063	673	676	679	rBV	64319	66390	1.29%	0.113%
12	6.199	693	699	704	rBV3	70645	106323	2.06%	0.180%
13	6.263	707	710	711	rBV	102649	76751	1.49%	0.130%
14	6.287	711	714	717	rBV2	102203	110025	2.13%	0.187%
15	6.352	722	725	727	rBV2	81897	73291	1.42%	0.124%
16	6.393	727	732	737	rBV	4590446	4450395	86.33%	7.553%
17	6.522	750	754	757	rBV	5238164	4455673	86.43%	7.562%
18	6.752	790	793	796	rBV	2141051	1651172	32.03%	2.802%
19	6.775	796	797	801	rVB2	215608	127068	2.46%	0.216%
20	6.816	801	804	808	rBV3	79141	101950	1.98%	0.173%
21	6.910	816	820	823	rBV	4208424	3711978	72.00%	6.300%
22	7.034	838	841	844	rVB3	128840	146108	2.83%	0.248%
23	7.069	844	847	850	rBV2	98628	106388	2.06%	0.181%
24	7.146	857	860	864	rBV2	128256	123525	2.40%	0.210%
25	7.310	880	888	891	rBV	3269383	2866311	55.60%	4.865%
26	7.399	899	903	907	rBV6	94713	139944	2.71%	0.238%
27	7.528	920	925	926	rBV3	38755	62243	1.21%	0.106%
28	7.722	955	958	961	rVB3	84123	79696	1.55%	0.135%
29	8.034	1007	1011	1014	rBV	2828598	2158411	41.87%	3.663%
30	8.105	1021	1023	1026	rVB	152641	103899	2.02%	0.176%
31	8.334	1054	1062	1065	rBV5	70959	101519	1.97%	0.172%
32	8.469	1082	1085	1087	rBV	93767	80837	1.57%	0.137%
33	9.116	1191	1195	1198	rBV	6410148	5133279	99.57%	8.712%
34	9.510	1259	1262	1265	rBV	976009	733863	14.24%	1.245%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101019\
Data File : BP000627.D
Acq On : 10 Oct 2019 19:40
Operator : JU
Sample : K5285-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2-S

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-BP100119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.799	1307	1311	1314	rBV	2769897	2512351	48.73%	4.264%
36	10.587	1441	1445	1460	rBV	3678336	3440754	66.74%	5.839%
37	11.293	1561	1565	1567	rBV	3133248	2580719	50.06%	4.380%
38	11.316	1567	1569	1572	rVV	214212	168028	3.26%	0.285%
39	11.363	1572	1577	1581	rVB3	161080	154957	3.01%	0.263%
40	11.828	1653	1656	1661	rBV2	82577	78973	1.53%	0.134%
41	11.910	1667	1670	1673	rBV	86441	91829	1.78%	0.156%
42	12.516	1770	1773	1777	rBV	819500	654190	12.69%	1.110%
43	12.745	1807	1812	1815	rBV	697165	674880	13.09%	1.145%
44	12.898	1834	1838	1841	rVB	5713710	5155243	100.00%	8.749%
45	13.081	1867	1869	1873	rVB	133829	116777	2.27%	0.198%
46	13.145	1877	1880	1883	rVB2	95364	95490	1.85%	0.162%
47	13.187	1884	1887	1890	rBV2	79101	77005	1.49%	0.131%
48	13.816	1991	1994	2003	rBV3	233967	403658	7.83%	0.685%
49	13.963	2014	2019	2021	rBV2	2805272	2863557	55.55%	4.860%
50	13.987	2021	2023	2026	rVB	401123	299085	5.80%	0.508%
51	14.451	2099	2102	2104	rBV2	116977	96989	1.88%	0.165%
52	14.757	2152	2154	2162	rVB2	99688	131507	2.55%	0.223%
53	15.010	2193	2197	2200	rBV	383974	590474	11.45%	1.002%
54	15.098	2209	2212	2218	rVB3	126131	198233	3.85%	0.336%
55	15.310	2244	2248	2254	rVB	270315	350440	6.80%	0.595%
56	15.369	2254	2258	2264	rBV	354067	421406	8.17%	0.715%
57	15.434	2264	2269	2273	rBV	2085025	2511478	48.72%	4.262%
58	15.916	2348	2351	2356	rBV	94871	126122	2.45%	0.214%
59	16.886	2512	2516	2525	rVB2	171583	335375	6.51%	0.569%
60	17.328	2586	2591	2602	rVB	148063	312892	6.07%	0.531%

Sum of corrected areas: 58922915

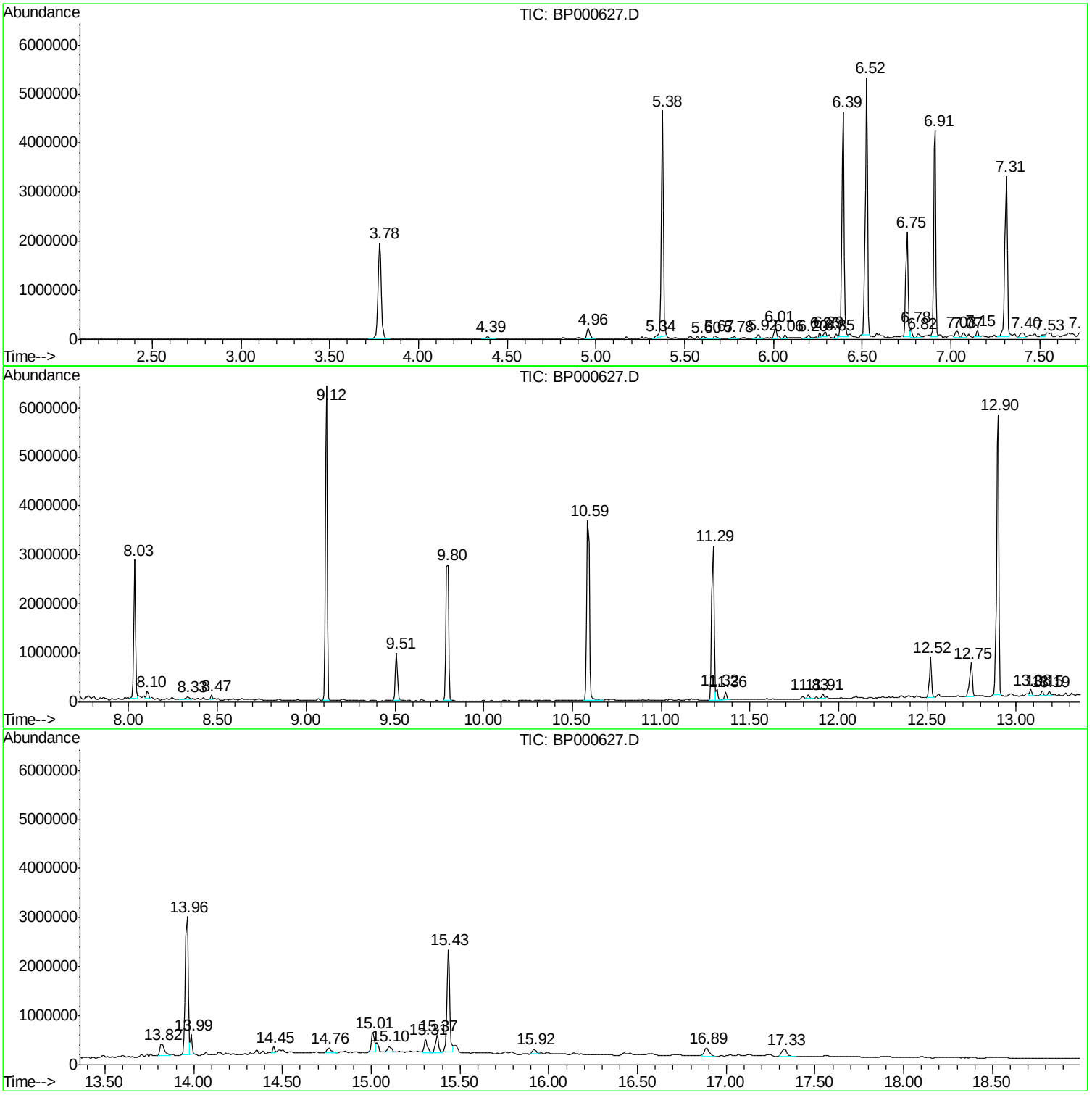
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101019\
Data File : BP000627.D
Acq On : 10 Oct 2019 19:40
Operator : JU
Sample : K5285-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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\BP101019\
Data File : BP000627.D
Acq On : 10 Oct 2019 19:40
Operator : JU
Sample : K5285-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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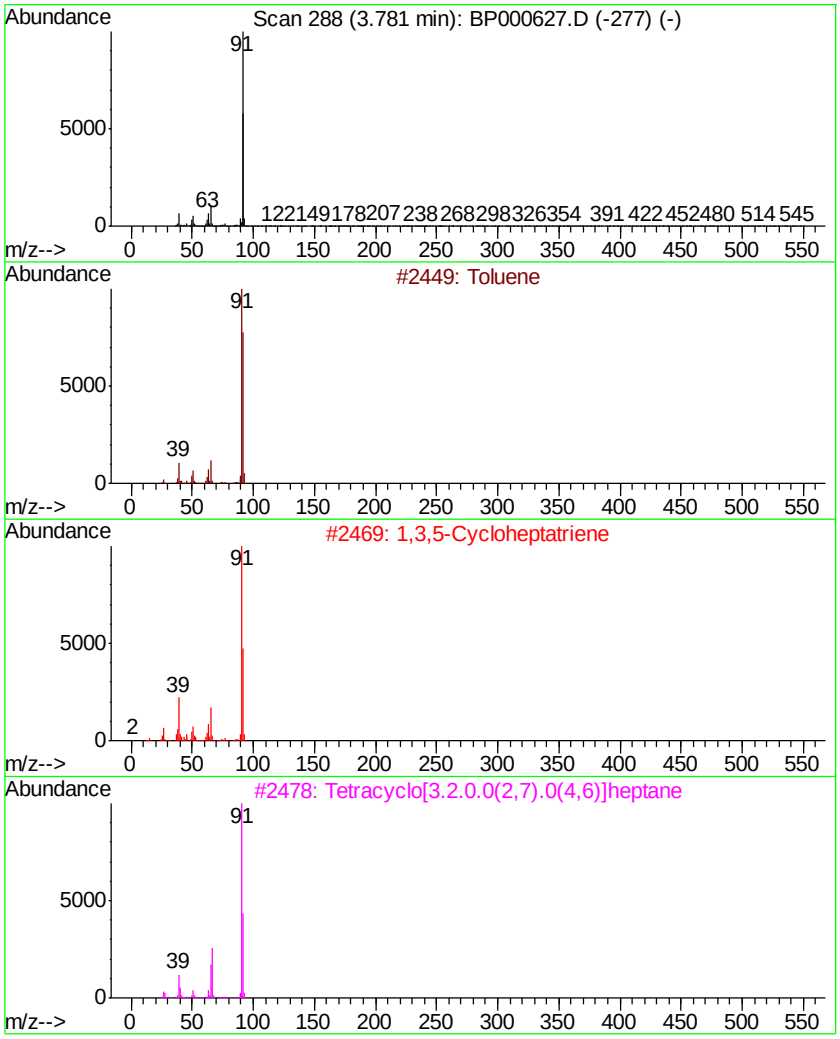
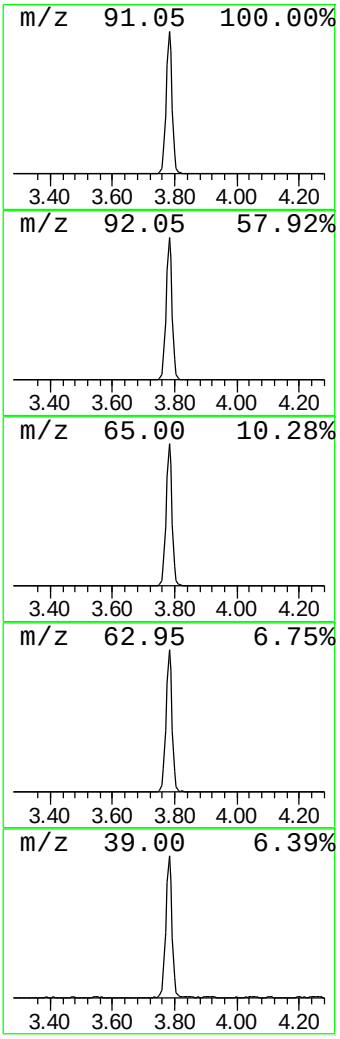
Peak Number 1 Toluene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	32.90 ng	2716480	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87
3	Tetracyclo[3.2.0.0(2,7).0(4,6)]h...	92	C7H8	000278-06-8	64
4	Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	64
5	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101019\
Data File : BP000627.D
Acq On : 10 Oct 2019 19:40
Operator : JU
Sample : K5285-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

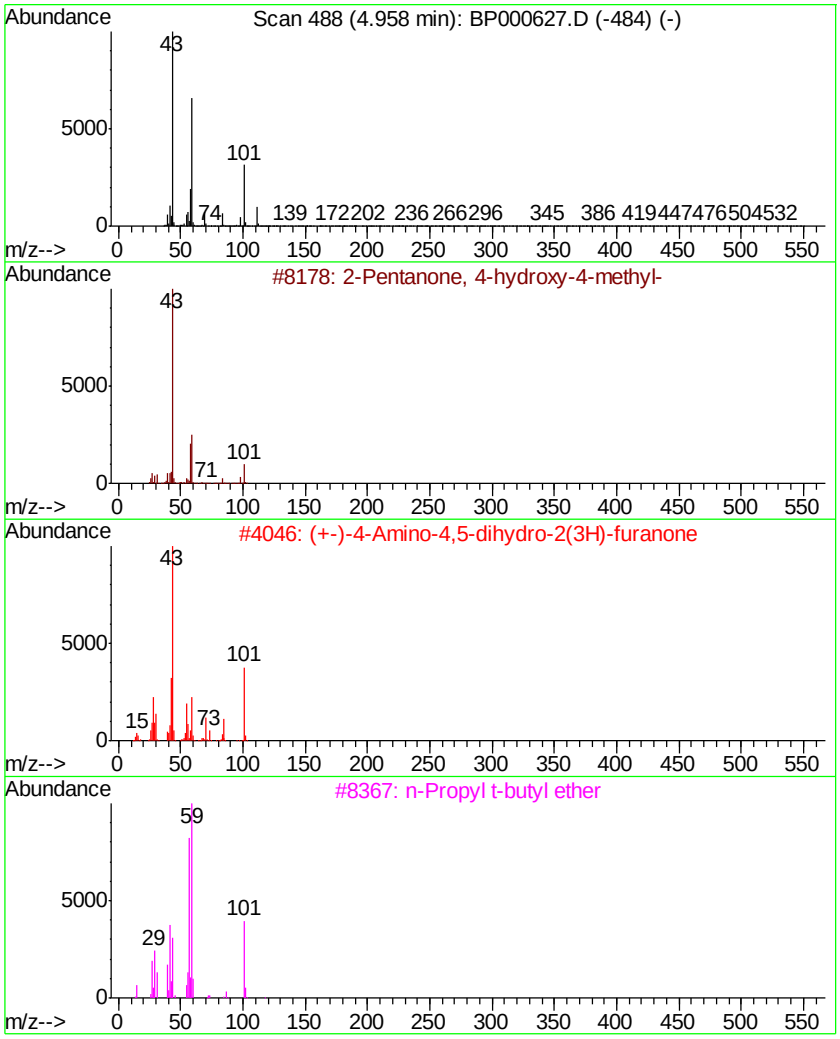
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

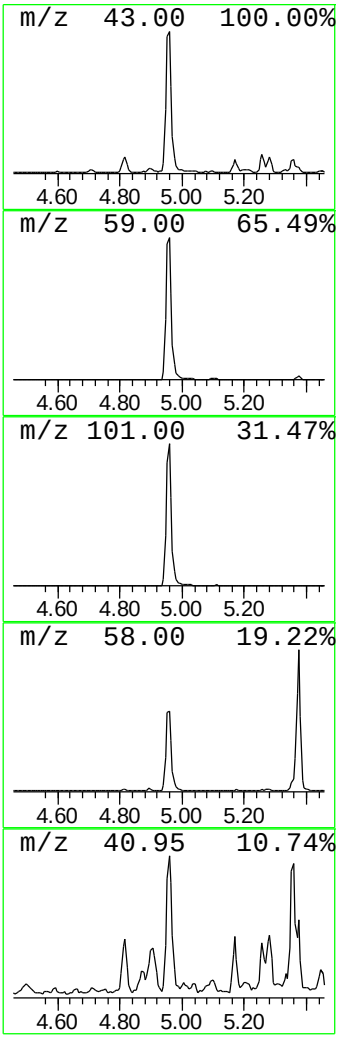
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	3.16 ng	261099	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	25
3	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	23
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	10
5	Acetone	58	C3H6O	000067-64-1	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101019\
Data File : BP000627.D
Acq On : 10 Oct 2019 19:40
Operator : JU
Sample : K5285-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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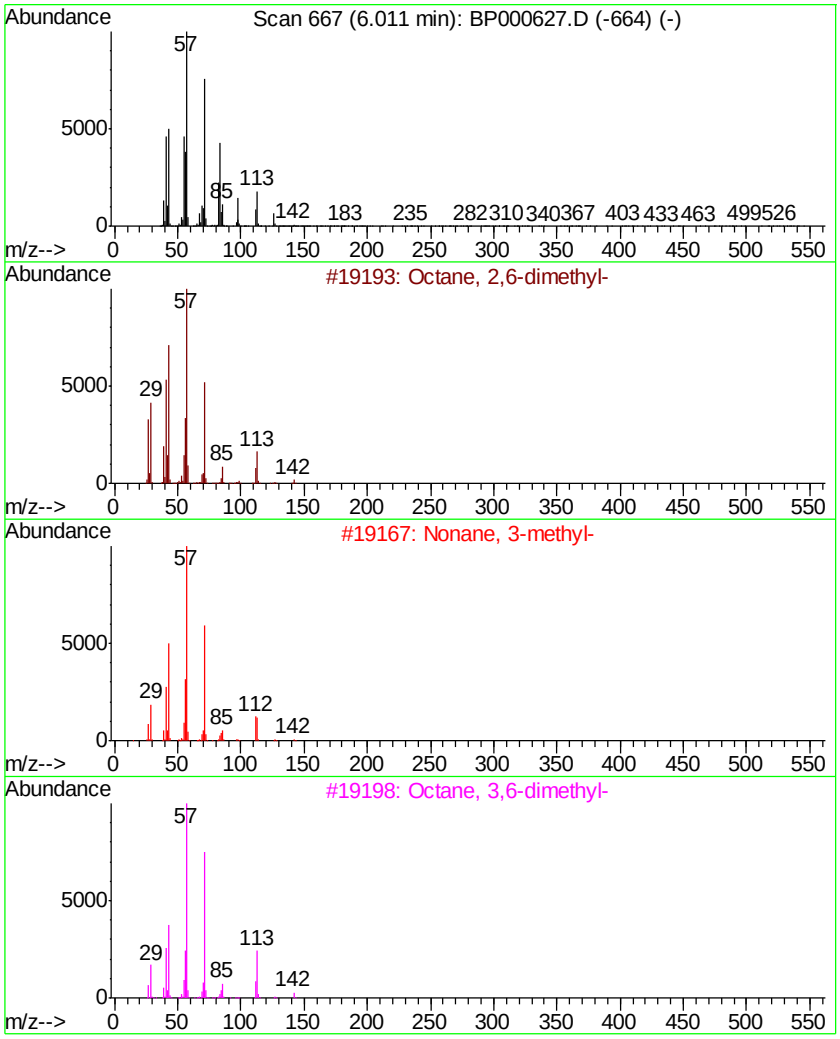
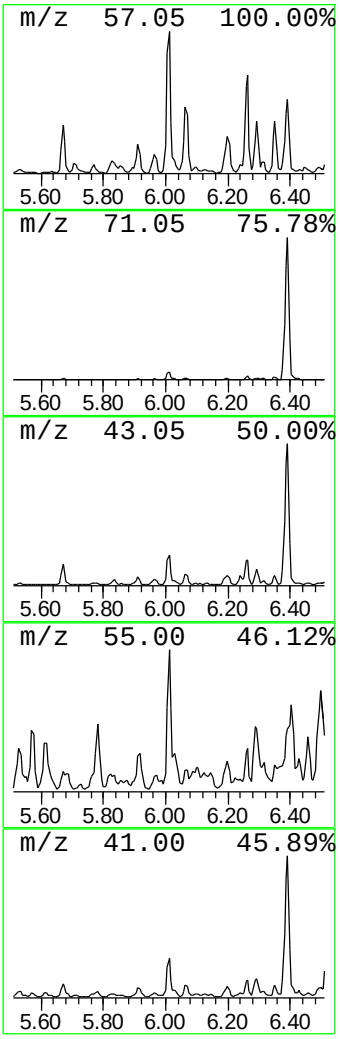
Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.01	2.48 ng	204764	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	52
4	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	47
5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101019\
Data File : BP000627.D
Acq On : 10 Oct 2019 19:40
Operator : JU
Sample : K5285-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

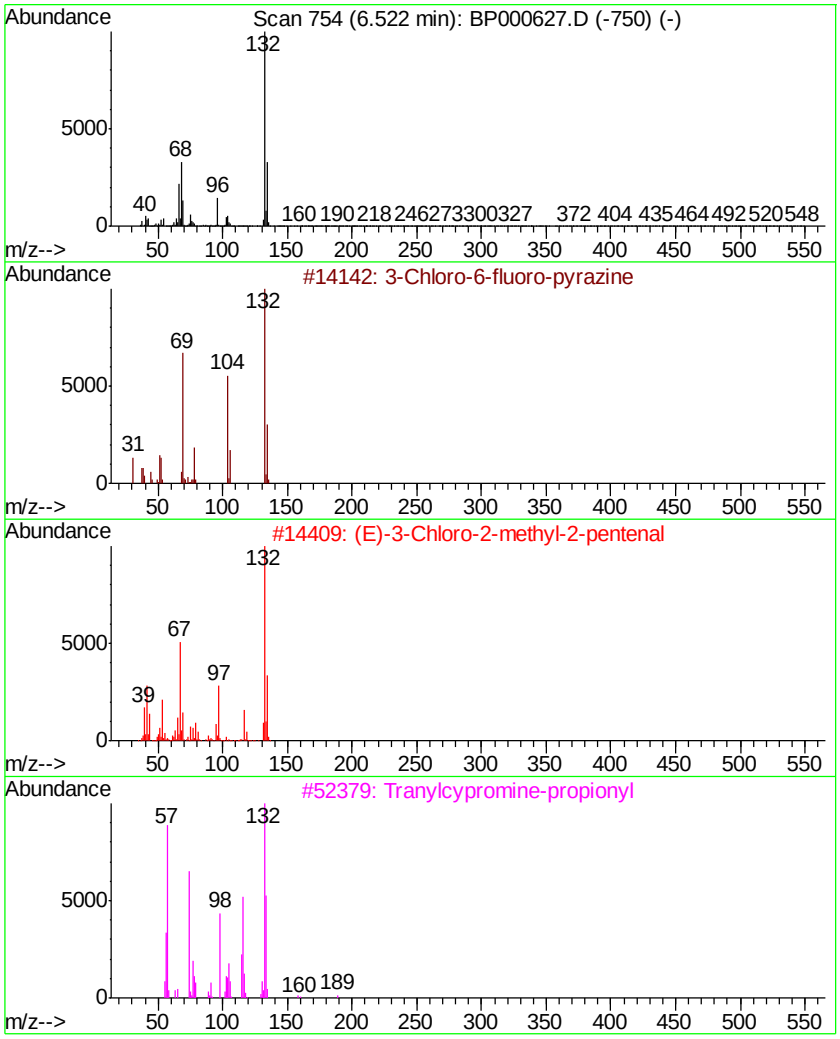
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

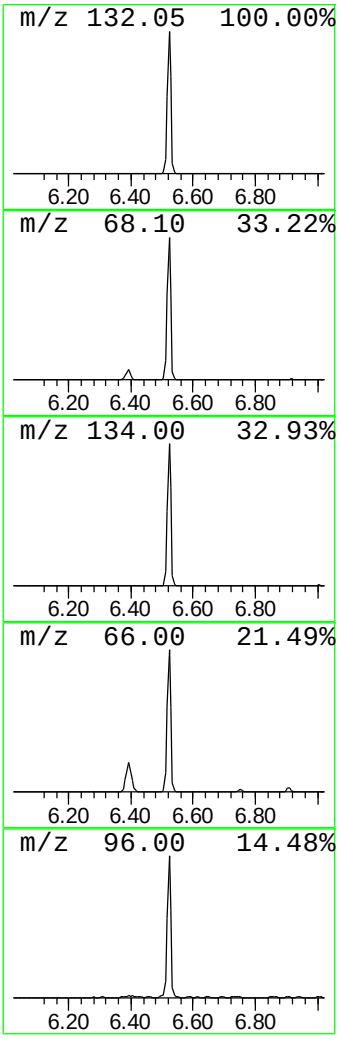
****

Peak Number 4 unknown6.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	53.97 ng	4455670	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101019\
Data File : BP000627.D
Acq On : 10 Oct 2019 19:40
Operator : JU
Sample : K5285-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

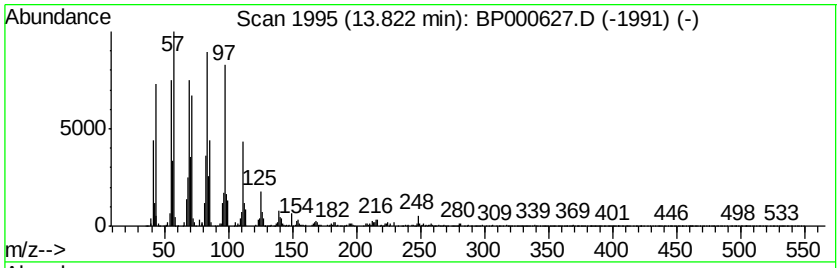
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

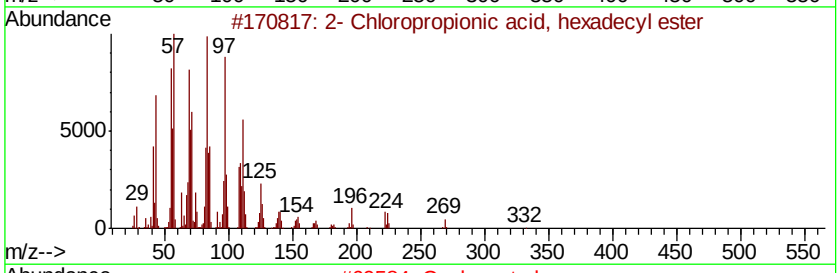
****

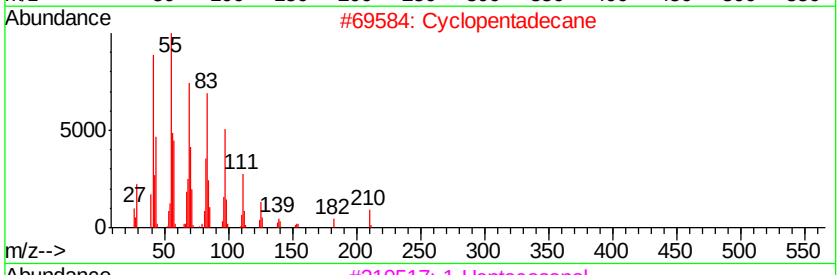
Peak Number 6 2- Chloropropionic acid, he... Concentration Rank 5

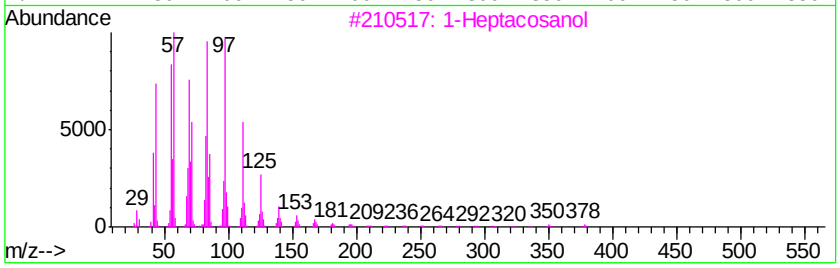
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	2.82 ng	403658	Chrysene-d12	13.96

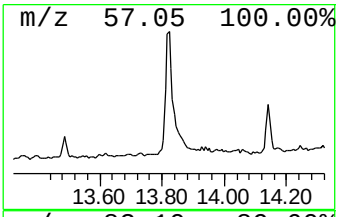
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	96
2	Cyclopentadecane	210	C15H30	000295-48-7	94
3	1-Heptacosanol	396	C27H56O	002004-39-9	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	93

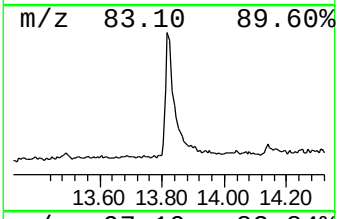


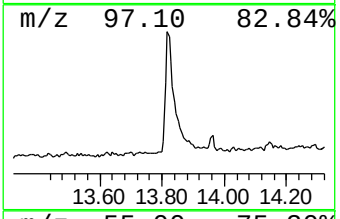


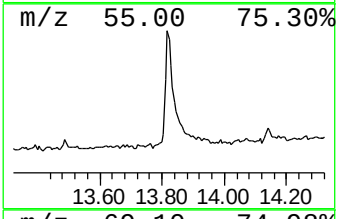


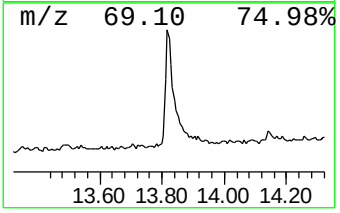












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101019\
Data File : BP000627.D
Acq On : 10 Oct 2019 19:40
Operator : JU
Sample : K5285-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

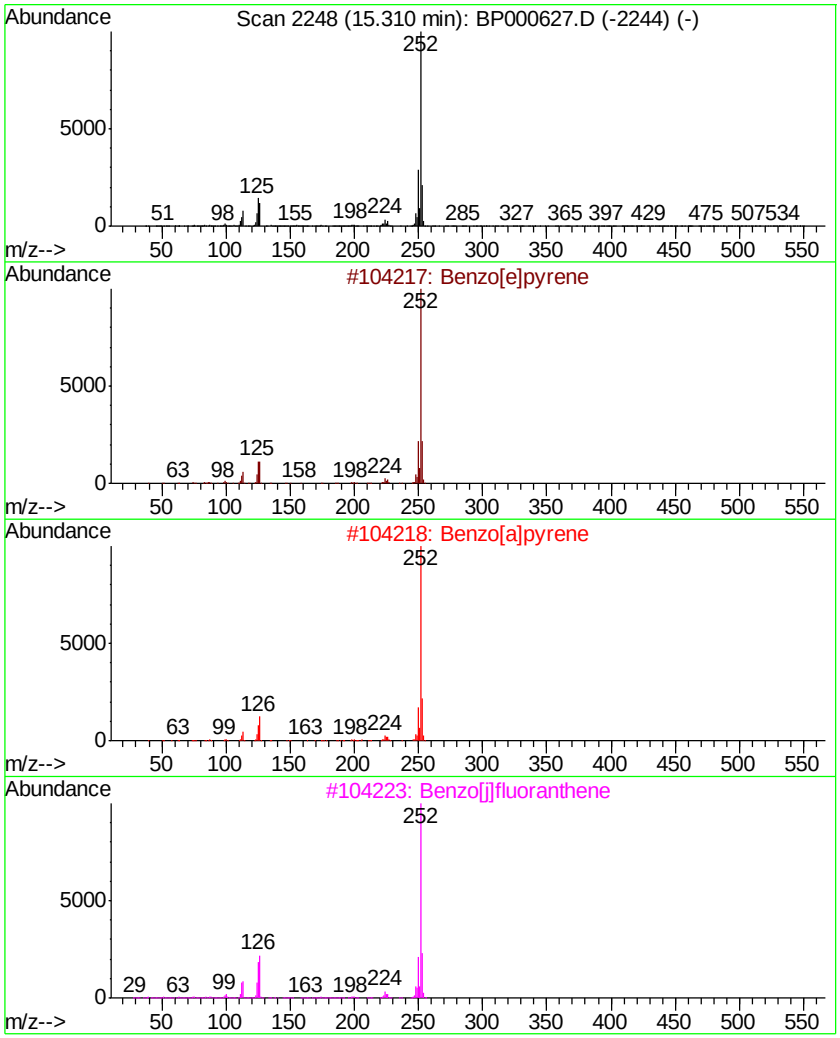
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

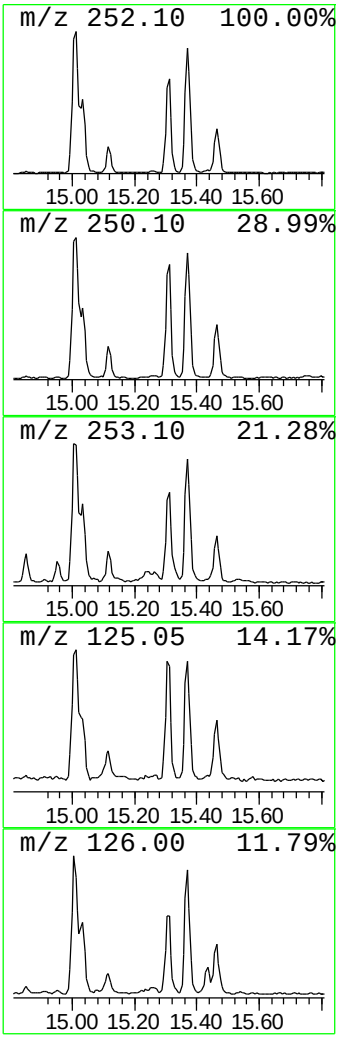
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	2.79 ng	350440	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101019\
Data File : BP000627.D
Acq On : 10 Oct 2019 19:40
Operator : JU
Sample : K5285-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-2-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.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
Toluene	3.78	32.9	ng	2716480	1	6.75	1651170	20.0
2-Pentanone, 4-hy...	4.96	3.2	ng	261099	1	6.75	1651170	20.0
Octane, 2,6-dimet...	6.01	2.5	ng	204764	1	6.75	1651170	20.0
unknown6.52	6.52	54.0	ng	4455670	1	6.75	1651170	20.0
2- Chloropropioni...	13.82	2.8	ng	403658	5	13.96	2863560	20.0
Benzo[e]pyrene	15.31	2.8	ng	350440	6	15.43	2511480	20.0