LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000701.D
Acq On : 13 Oct 2019 04:54
Operator : JU
Sample : K5348-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190834-COMPOSITE-J

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	4.952	482	487	491	rBV	1309444	1394471	31.86%	2.947%
2	5.375	556	559	570	rVB	722685	666500	15.23%	1.408%
3	5.711	612	616	632	rVB2	38168	99106	2.26%	0.209%
4	6.293	712	715	720	rBV	329048	308074	7.04%	0.651%
5	6.393	728	732	742	rBV2	3598620	3799250	86.79%	8.029%
6	6.522	750	754	757	rBV	2842751	2311204	52.80%	4.884%
7	6.752	789	793	796	rBV	1472170	1278365	29.20%	2.701%
8	6.816	801	804	809	rBV	107530	84217	1.92%	0.178%
9	6.905	811	819	823	rBV	3982701	3522205	80.46%	7.443%
10	7.310	881	888	891	rBV	3028173	2520885	57.59%	5.327%
11	7.528	921	925	928	rBV	186814	168172	3.84%	0.355%
12	8.034	1007	1011	1013	rBV	1925753	1575470	35.99%	3.329%
13	8.052	1013	1014	1018	rVB	100471	65637	1.50%	0.139%
14	8.675	1116	1120	1126	rBV	141739	130681	2.99%	0.276%
15	8.752	1127	1133	1136	rBV2	70220	83171	1.90%	0.176%
16	8.781	1136	1138	1142	rVV2	71830	62604	1.43%	0.132%
17	9.116	1191	1195	1198	rBV	5458098	4377384	100.00%	9.250%
18	9.216	1205	1212	1215	rBV5	73761	139655	3.19%	0.295%
19	9.510	1259	1262	1267	rBV	1033391	816491	18.65%	1.725%
20	9.657	1283	1287	1292	rBV	194816	205935	4.70%	0.435%
21	9.710	1294	1296	1299	rVB2	64598	64755	1.48%	0.137%
22	9.799	1307	1311	1314	rVB	2275721	1886840	43.10%	3.987%
23	9.828	1314	1316	1320	rBV	63844	55601	1.27%	0.117%
24	10.046	1349	1353	1355	rBV	115324	102338	2.34%	0.216%
25	10.346	1402	1404	1411	rVB2	52442	68126	1.56%	0.144%
26	10.593	1443	1446	1449	rBV2	73344	77212	1.76%	0.163%
27	10.716	1465	1467	1468	rBV	83968	69719	1.59%	0.147%
28	10.781	1475	1478	1480	rBV	67999	66165	1.51%	0.140%
29	10.893	1495	1497	1500	rBV3	41808	52826	1.21%	0.112%
30	10.957	1505	1508	1511	rVB4	78581	86176	1.97%	0.182%
31	11.022	1516	1519	1521	rBV	186570	160648	3.67%	0.339%
32	11.157	1539	1542	1546	rBV	523628	451586	10.32%	0.954%
33	11.293	1562	1565	1568	rBV	2195348	2051335	46.86%	4.335%
34	11.316	1568	1569	1572	rVV	412191	275484	6.29%	0.582%

LSC Area Percent Report

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Acq On : 13 Oct 2019 04:54
Operator : JU
Sample : K5348-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190834-COMPOSITE-J

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	11.369	1574	1578	1581	rVB	315621	336192	7.68%	0.710%
36	11.404	1582	1584	1588	rBV2	50387	57548	1.31%	0.122%
37	11.528	1603	1605	1608	rBV	84397	72246	1.65%	0.153%
38	11.804	1649	1652	1654	rBV	104510	93878	2.14%	0.198%
39	11.834	1654	1657	1659	rBV	96318	84388	1.93%	0.178%
40	11.875	1662	1664	1666	rBV2	75075	74295	1.70%	0.157%
41	11.916	1669	1671	1673	rVB	178100	148952	3.40%	0.315%
42	12.098	1700	1702	1705	rVB	83820	65634	1.50%	0.139%
43	12.251	1726	1728	1731	rVB	76503	65450	1.50%	0.138%
44	12.357	1744	1746	1749	rBV	145537	150273	3.43%	0.318%
45	12.457	1761	1763	1766	rVB	145417	129023	2.95%	0.273%
46	12.522	1770	1774	1777	rBV	1279689	1058203	24.17%	2.236%
47	12.569	1779	1782	1784	rBV	113501	113388	2.59%	0.240%
48	12.616	1788	1790	1793	rBV	144433	118784	2.71%	0.251%
49	12.751	1808	1813	1816	rBV	1188483	1152754	26.33%	2.436%
50	12.904	1835	1839	1842	rBV	4643537	4372395	99.89%	9.240%
51	13.087	1868	1870	1873	rVB	360166	287164	6.56%	0.607%
52	13.151	1878	1881	1884	rVB2	311503	300767	6.87%	0.636%
53	13.193	1885	1888	1891	rBV2	176742	182375	4.17%	0.385%
54	13.316	1907	1909	1913	rBV	141384	154822	3.54%	0.327%
55	13.493	1937	1939	1942	rBV2	155168	151790	3.47%	0.321%
56	13.816	1991	1994	2001	rVB3	604781	752979	17.20%	1.591%
57	13.969	2015	2020	2023	rBV2	2389102	3203311	73.18%	6.769%
58	13.992	2023	2024	2027	rVB	670978	421393	9.63%	0.890%
59	14.145	2048	2050	2055	rVB2	192411	172856	3.95%	0.365%
60	14.457	2101	2103	2106	rVB	360994	291964	6.67%	0.617%
61	15.022	2195	2199	2202	rBV	635812	1003223	22.92%	2.120%
62	15.104	2211	2213	2215	rBV2	214841	206475	4.72%	0.436%
63	15.322	2247	2250	2256	rVB	446437	580132	13.25%	1.226%
64	15.381	2257	2260	2267	rBV	602461	726492	16.60%	1.535%
65	15.445	2267	2271	2275	rBV	1428198	1714566	39.17%	3.623%

Sum of corrected areas: 47322000

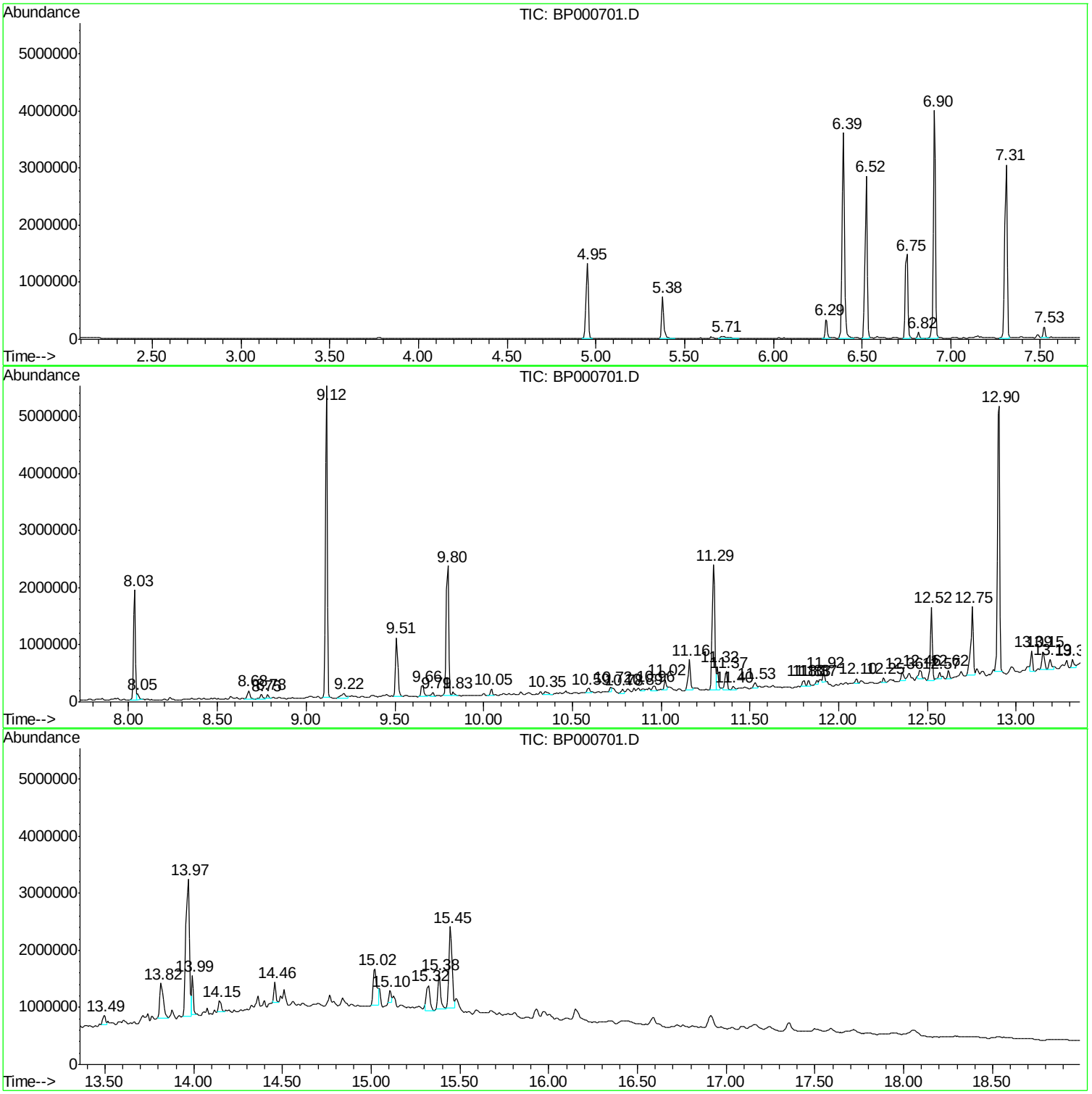
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000701.D
Acq On : 13 Oct 2019 04:54
Operator : JU
Sample : K5348-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20190834-COMPOSITE-J

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000701.D
Acq On : 13 Oct 2019 04:54
Operator : JU
Sample : K5348-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190834-COMPOSITE-J

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

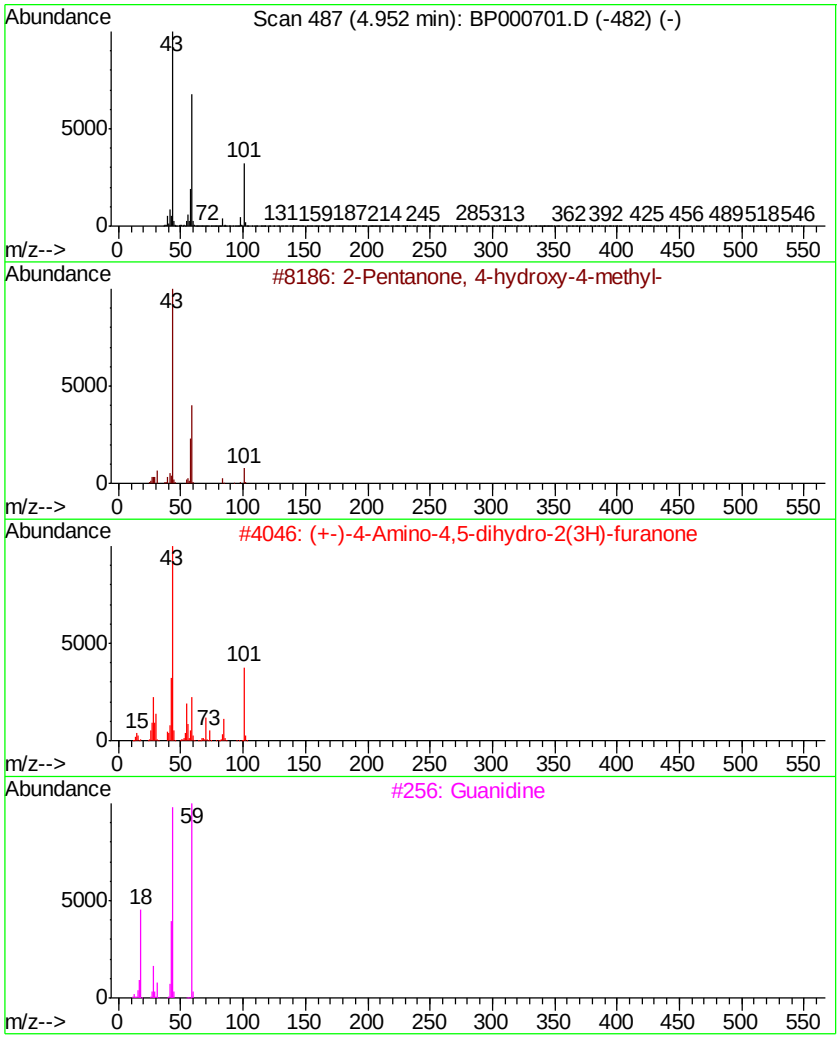
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

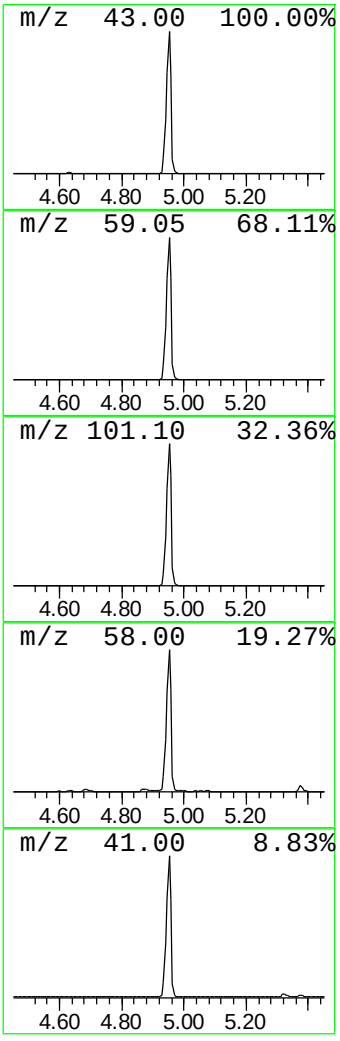
****

Peak Number 1 unknown4.95 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	21.82 ng	1394470	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	45
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
3	Guanidine	59	CH5N3	000113-00-8	38
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	12
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000701.D
Acq On : 13 Oct 2019 04:54
Operator : JU
Sample : K5348-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190834-COMPOSITE-J

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

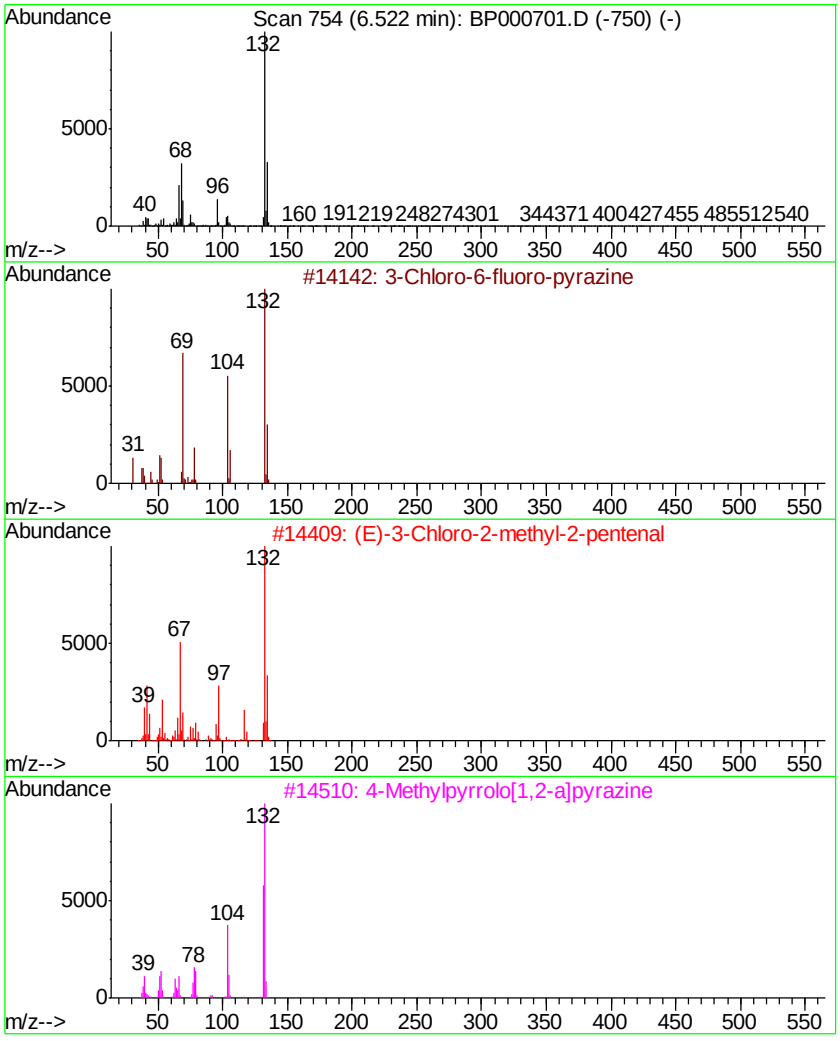
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

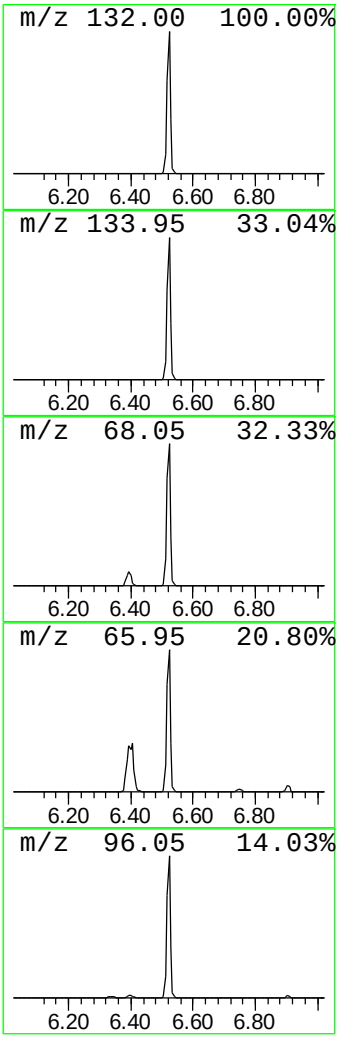
****

Peak Number 2 unknown6.52 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	36.16 ng	2311200	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	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000701.D
Acq On : 13 Oct 2019 04:54
Operator : JU
Sample : K5348-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190834-COMPOSITE-J

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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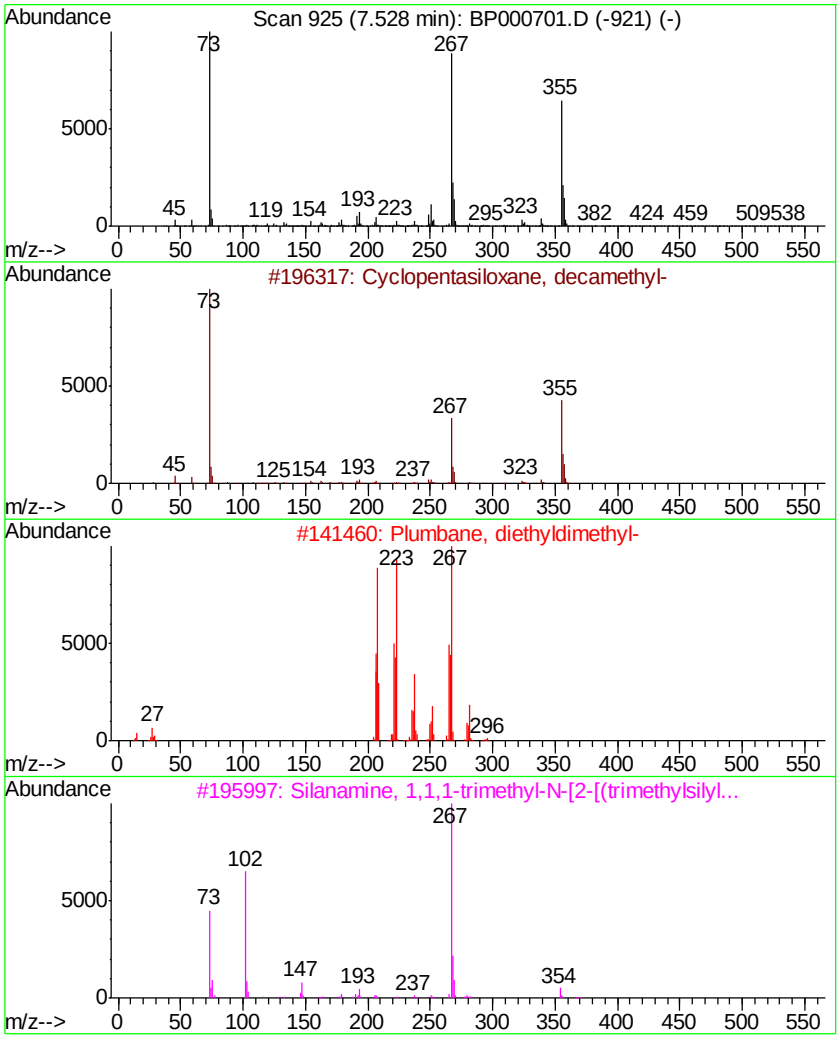
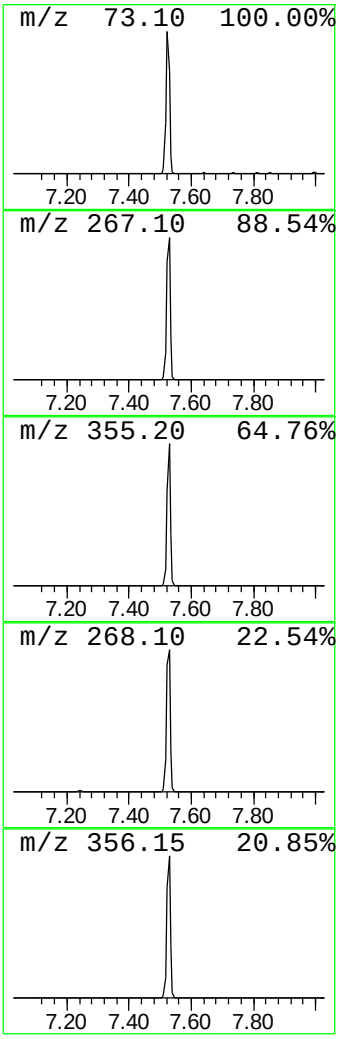
Peak Number 4 Cyclopentasiloxane, decamet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	2.13 ng	168172	Naphthalene-d8	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	Plumbane, diethyldimethyl-	296	C6H16Pb	001762-27-2	89
3	Silanamine, 1,1,1-trimethyl-N-[2...	369	C17H35NO2Si3	068595-60-8	47
4	3-Amino-2-phenazinol ditms	355	C18H25N3OSi2	1000332-15-5	46
5	3,4-Dihydroxymandelic acid, ethy...	428	C19H36O5Si3	1000071-70-2	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000701.D
Acq On : 13 Oct 2019 04:54
Operator : JU
Sample : K5348-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190834-COMPOSITE-J

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

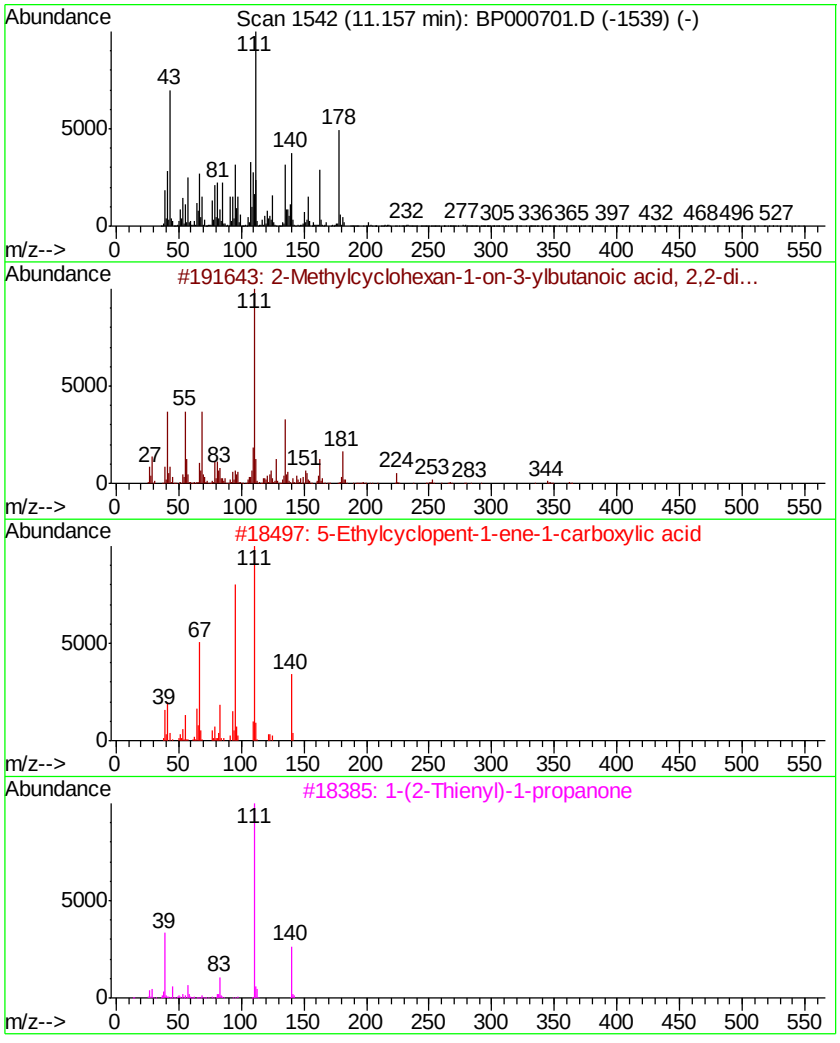
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

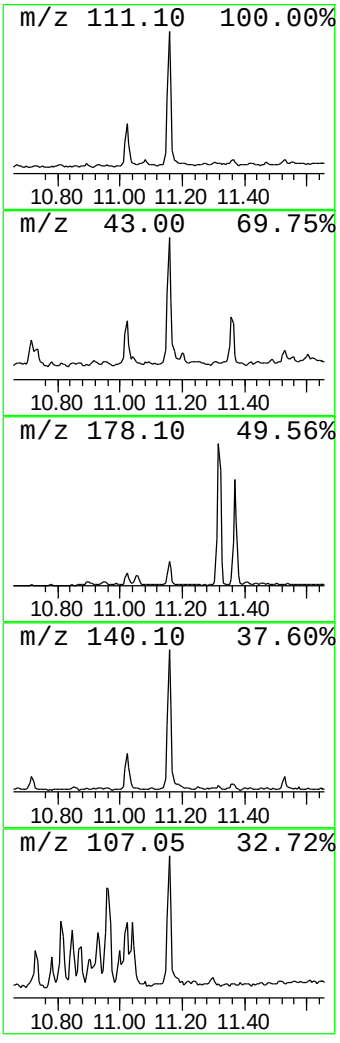
****

Peak Number 5 unknown11.16 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	4.40 ng	451586	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylcyclohexan-1-on-3-ylbuta...	362	C17H30O6S	344552-36-9	25
2	5-Ethylcyclopent-1-ene-1-carboxy...	140	C8H12O2	036258-07-8	22
3	1-(2-Thienyl)-1-propanone	140	C7H8OS	013679-75-9	22
4	2-Aminopyrimidine-1-oxide	111	C4H5N3O	035034-15-2	22
5	Cyclohexanone, 3-(4-hydroxybutyl...	184	C11H20O2	091212-98-5	16





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Data File : BP000701.D
Acq On : 13 Oct 2019 04:54
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Sample : K5348-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190834-COMPOSITE-J

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

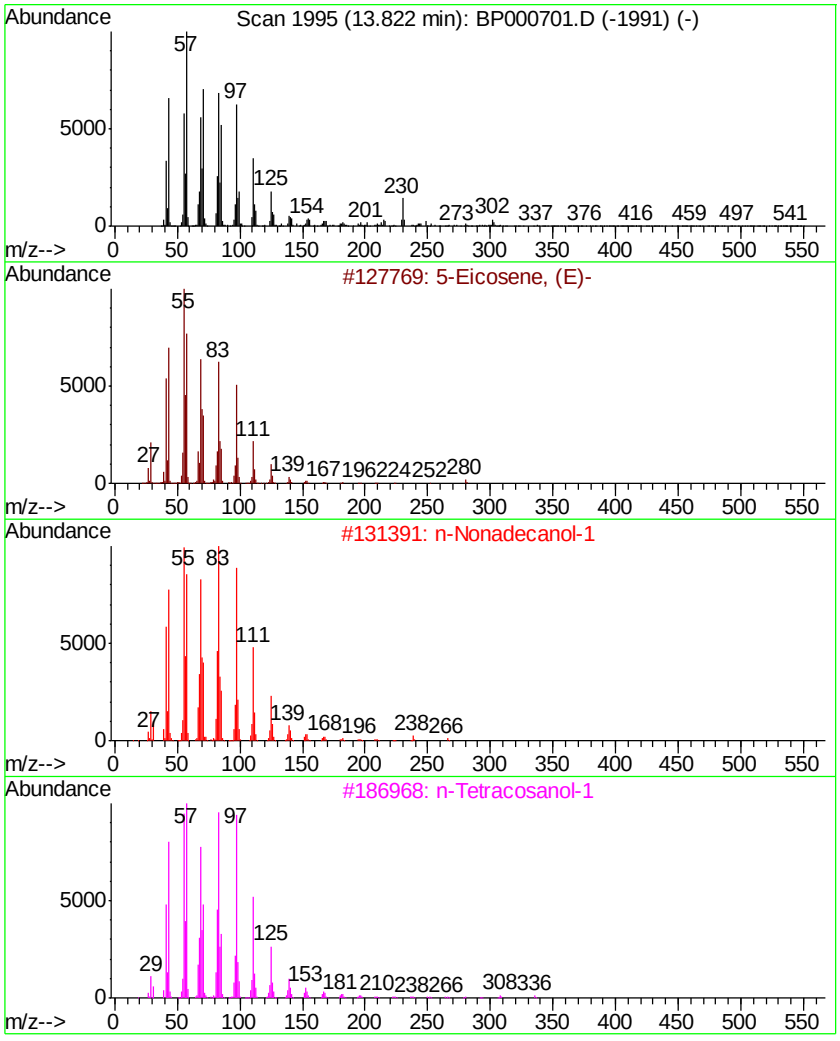
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

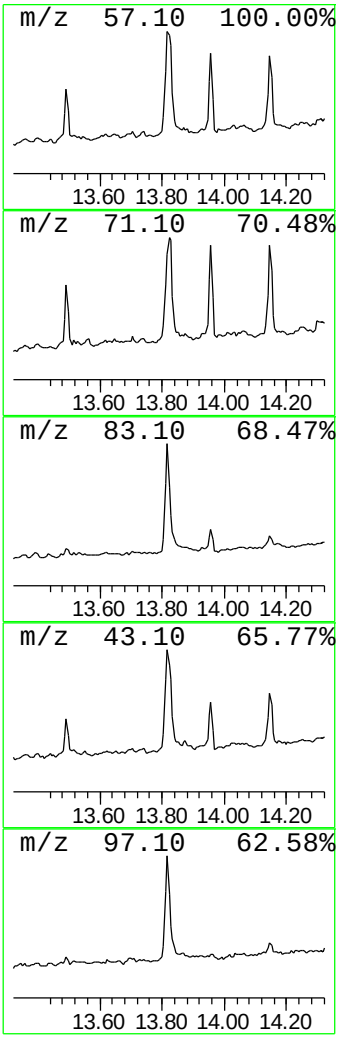
****

Peak Number 6 5-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	4.70 ng	752979	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190834-COMPOSITE-J

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

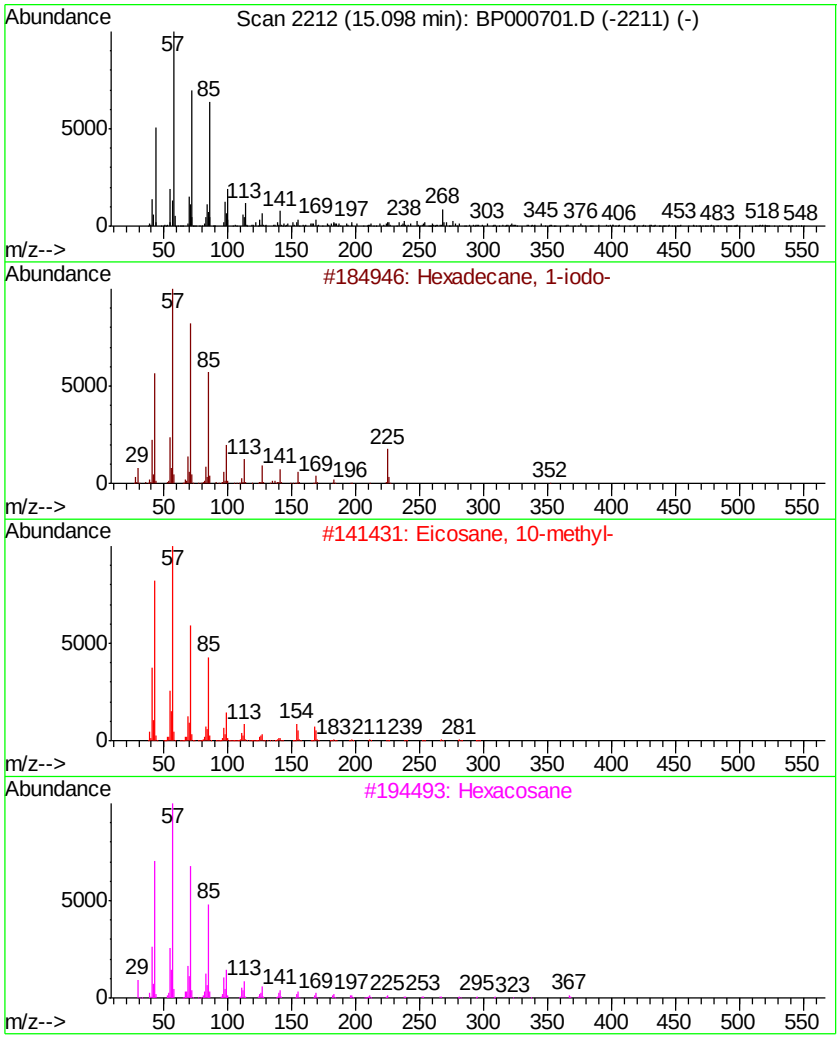
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

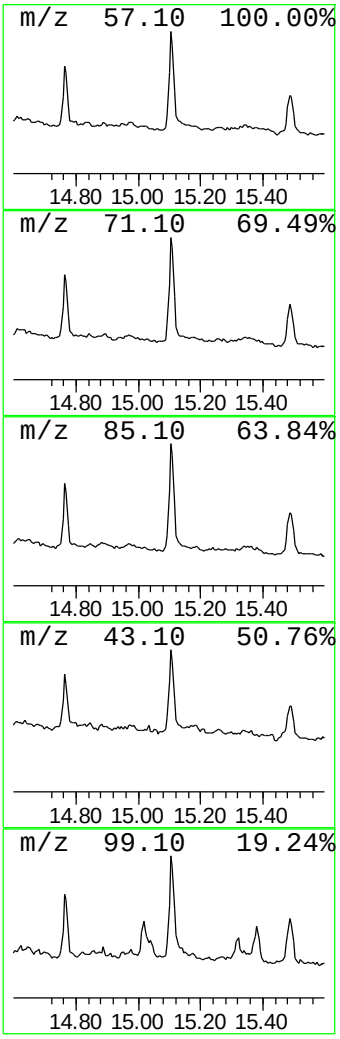
****

Peak Number 7 Hexadecane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	2.41 ng	206475	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	96
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000701.D
Acq On : 13 Oct 2019 04:54
Operator : JU
Sample : K5348-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190834-COMPOSITE-J

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

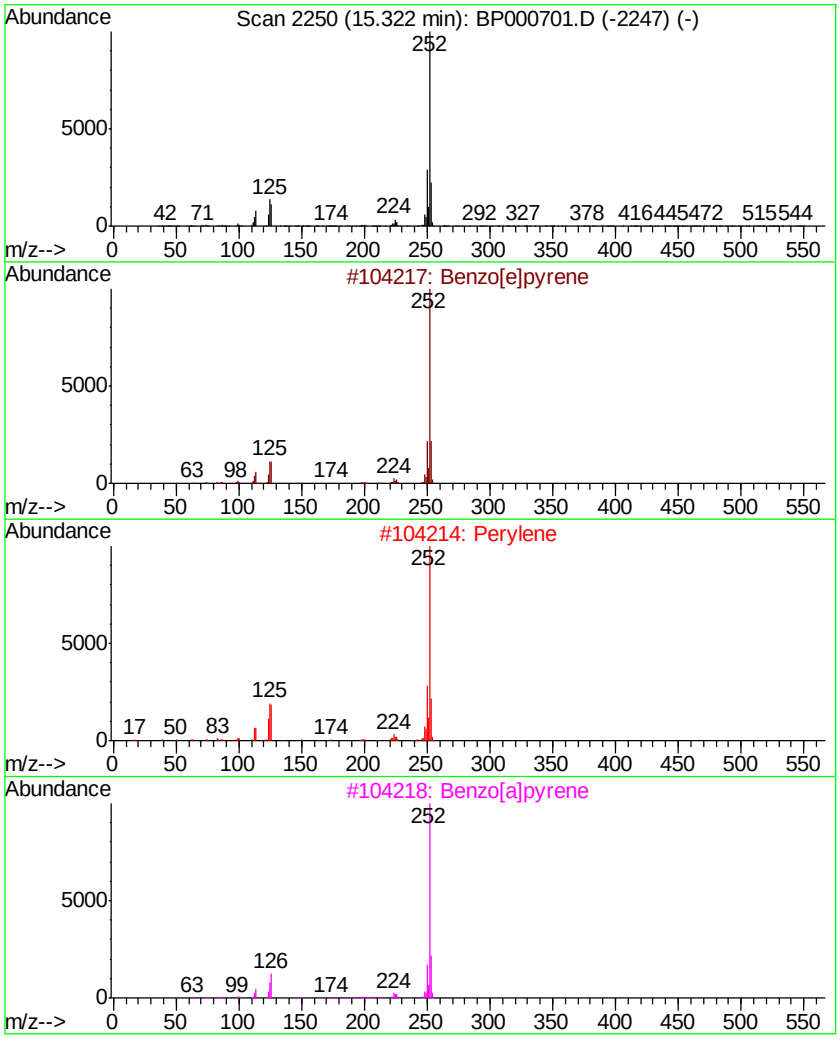
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

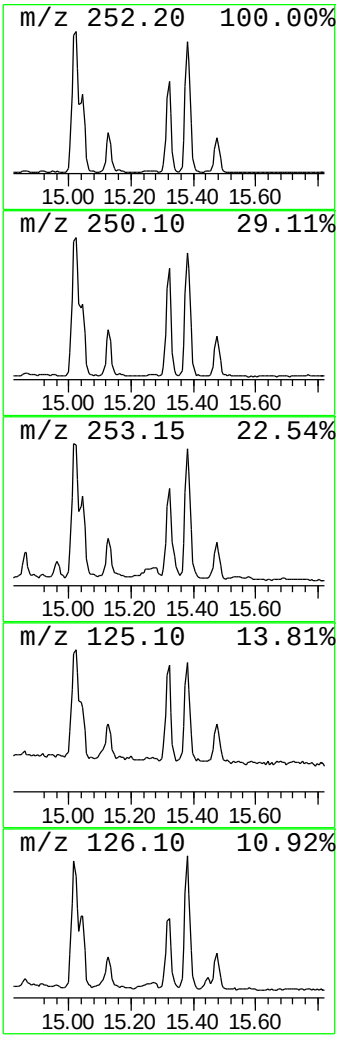
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	6.77 ng	580132	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101319\
Data File : BP000701.D
Acq On : 13 Oct 2019 04:54
Operator : JU
Sample : K5348-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190834-COMPOSITE-J

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
unknown4.95	4.95	21.8	ng	1394470	1	6.75	1278370	20.0
unknown6.52	6.52	36.2	ng	2311200	1	6.75	1278370	20.0
Cyclopentasiloxan...	7.53	2.1	ng	168172	2	8.03	1575470	20.0
unknown11.16	11.16	4.4	ng	451586	4	11.29	2051340	20.0
5-Eicosene, (E)-	13.82	4.7	ng	752979	5	13.97	3203310	20.0
Hexadecane, 1-iodo-	15.10	2.4	ng	206475	6	15.45	1714570	20.0
Benzo[e]pyrene	15.32	6.8	ng	580132	6	15.45	1714570	20.0