LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
Data File : BP000699.D
Acq On : 13 Oct 2019 04:05
Operator : JU
Sample : K5348-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190832-COMPOSITE-H

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	4.946	482	486	495	rVB	729176	715830	17.28%	1.737%
2	5.375	555	559	579	rVB	1212653	1251026	30.20%	3.036%
3	6.299	710	716	720	rBV	104797	107295	2.59%	0.260%
4	6.393	727	732	741	rBV	3428179	3309772	79.90%	8.033%
5	6.522	750	754	757	rBV	3207406	2635546	63.62%	6.396%
6	6.752	789	793	796	rBV	1284803	1144696	27.63%	2.778%
7	6.816	801	804	811	rBV	67379	56070	1.35%	0.136%
8	6.905	815	819	823	rBV	3720162	3006806	72.59%	7.297%
9	7.311	884	888	891	rBV	2637267	2153065	51.98%	5.225%
10	7.528	921	925	928	rBV	113461	98397	2.38%	0.239%
11	8.034	1007	1011	1014	rBV	1771716	1443925	34.86%	3.504%
12	9.116	1191	1195	1198	rBV	4890956	3936571	95.03%	9.554%
13	9.510	1259	1262	1267	rBV	853453	654938	15.81%	1.590%
14	9.658	1284	1287	1292	rBV	125493	127434	3.08%	0.309%
15	9.799	1307	1311	1314	rVB	1979650	1721548	41.56%	4.178%
16	10.316	1397	1399	1402	rVB2	64329	55176	1.33%	0.134%
17	10.587	1442	1445	1453	rBV	355541	372508	8.99%	0.904%
18	10.957	1505	1508	1512	rBV5	57084	59272	1.43%	0.144%
19	11.022	1516	1519	1521	rBV3	81315	76276	1.84%	0.185%
20	11.157	1539	1542	1546	rBV3	64943	76636	1.85%	0.186%
21	11.293	1561	1565	1568	rBV	2174910	1876302	45.29%	4.554%
22	11.316	1568	1569	1572	rVV	311196	183265	4.42%	0.445%
23	11.369	1574	1578	1581	rVB	196182	215633	5.21%	0.523%
24	11.528	1602	1605	1608	rBV	84870	85848	2.07%	0.208%
25	11.804	1649	1652	1654	rBV	53766	50434	1.22%	0.122%
26	11.834	1654	1657	1661	rBV2	82898	102794	2.48%	0.249%
27	11.916	1668	1671	1673	rVB	117359	107123	2.59%	0.260%
28	12.099	1699	1702	1704	rVB2	63681	60763	1.47%	0.147%
29	12.357	1744	1746	1749	rBV	99955	94315	2.28%	0.229%
30	12.440	1758	1760	1762	rBV2	85652	93272	2.25%	0.226%
31	12.522	1770	1774	1777	rBV	966136	848145	20.47%	2.058%
32	12.569	1779	1782	1784	rVV2	82866	91137	2.20%	0.221%
33	12.616	1788	1790	1793	rVV	88841	75419	1.82%	0.183%
34	12.751	1808	1813	1816	rBV	1139030	1053691	25.44%	2.557%

LSC Area Percent Report

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Misc :
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Instrument : BNA_P
ClientSampleId : 20190832-COMPOSITE-H

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	12.899	1835	1838	1842	rBV	4542281	4142458	100.00%	10.054%
36	13.087	1868	1870	1873	rVB	267639	215608	5.20%	0.523%
37	13.151	1878	1881	1884	rVB2	221276	226536	5.47%	0.550%
38	13.193	1886	1888	1894	rVB3	142940	160036	3.86%	0.388%
39	13.493	1937	1939	1941	rBV2	146770	120123	2.90%	0.292%
40	13.816	1991	1994	2002	rVB4	523408	744365	17.97%	1.807%
41	13.969	2015	2020	2023	rBV2	2242796	2798779	67.56%	6.793%
42	13.993	2023	2024	2027	rVB	601049	369374	8.92%	0.896%
43	14.146	2048	2050	2055	rBV2	196585	182035	4.39%	0.442%
44	14.457	2101	2103	2106	rBV2	254988	207307	5.00%	0.503%
45	15.022	2195	2199	2202	rBV	690501	1047768	25.29%	2.543%
46	15.322	2247	2250	2257	rVB	491786	659228	15.91%	1.600%
47	15.387	2257	2261	2267	rBV	582378	914290	22.07%	2.219%
48	15.451	2268	2272	2275	rBV	1243218	1475061	35.61%	3.580%

Sum of corrected areas: 41203896

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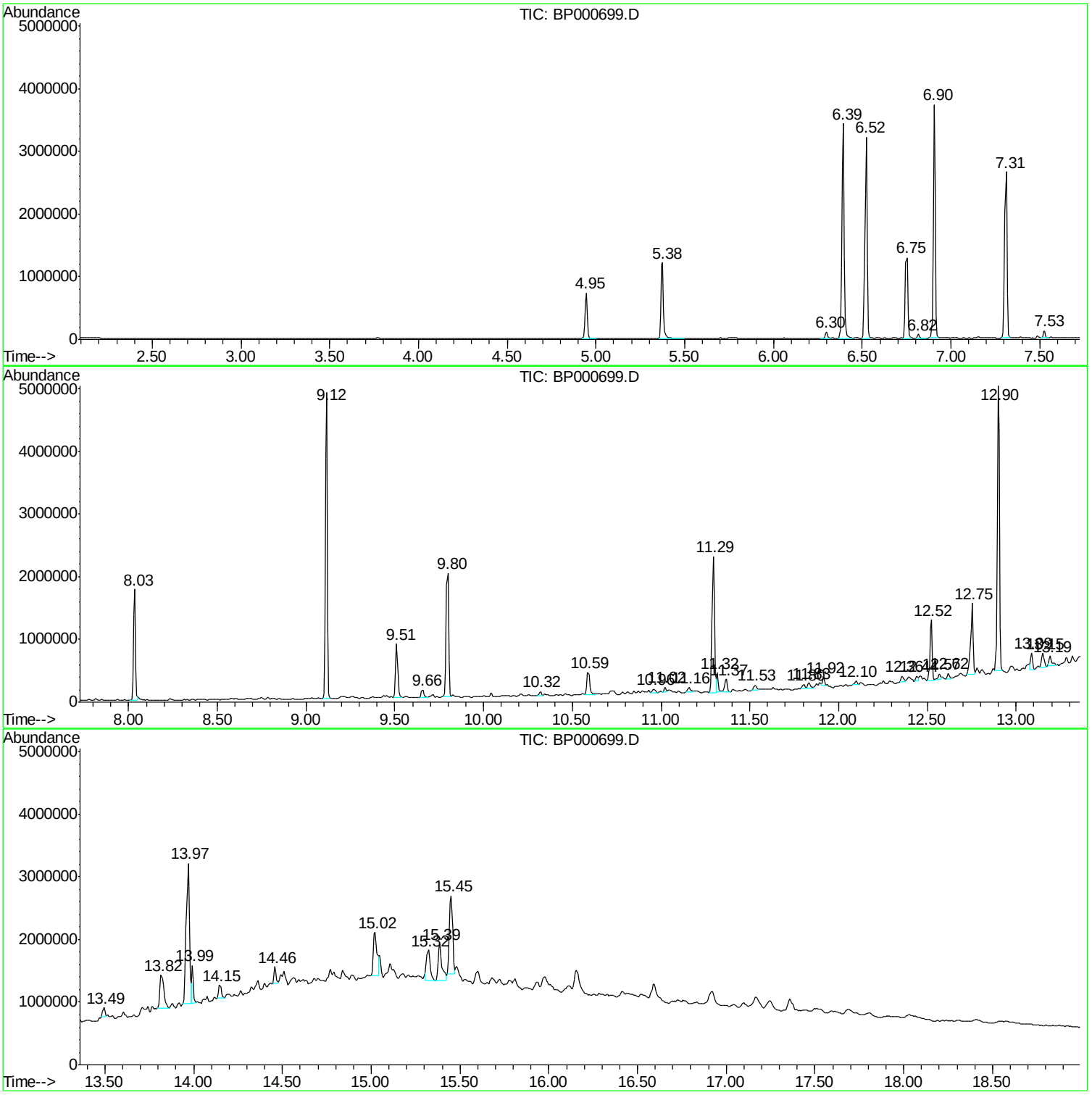
Instrument :
BNA_P
ClientSampleId :
20190832-COMPOSITE-H

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 : BP000699.D
Acq On : 13 Oct 2019 04:05
Operator : JU
Sample : K5348-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 20190832-COMPOSITE-H

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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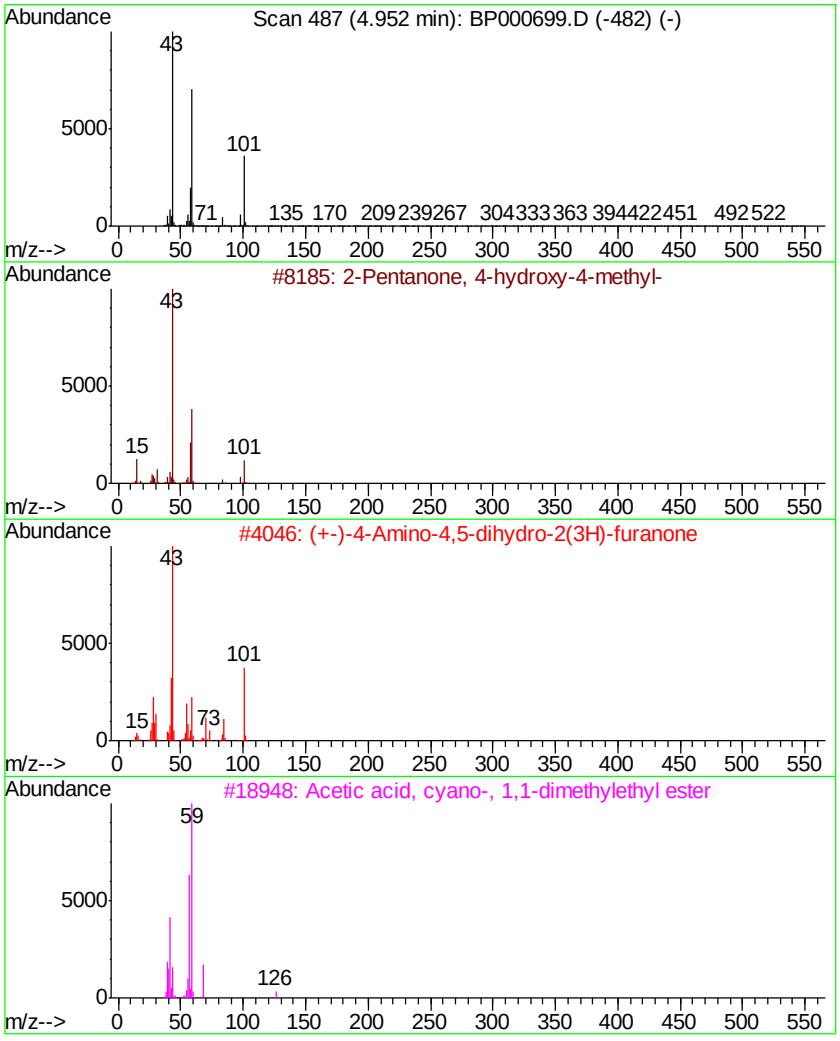
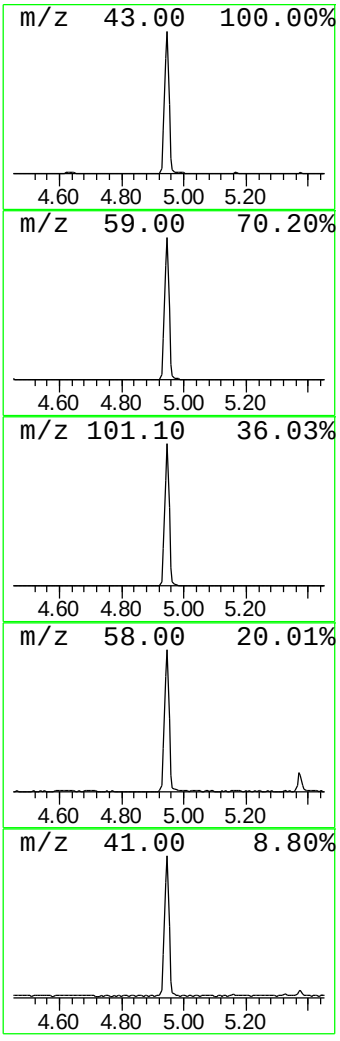
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	12.51 ng	715830	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	56
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Guanidine	59	CH5N3	000113-00-8	9
5	Acetone	58	C3H6O	000067-64-1	9





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Instrument : BNA_P
ClientSampleId : 20190832-COMPOSITE-H

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
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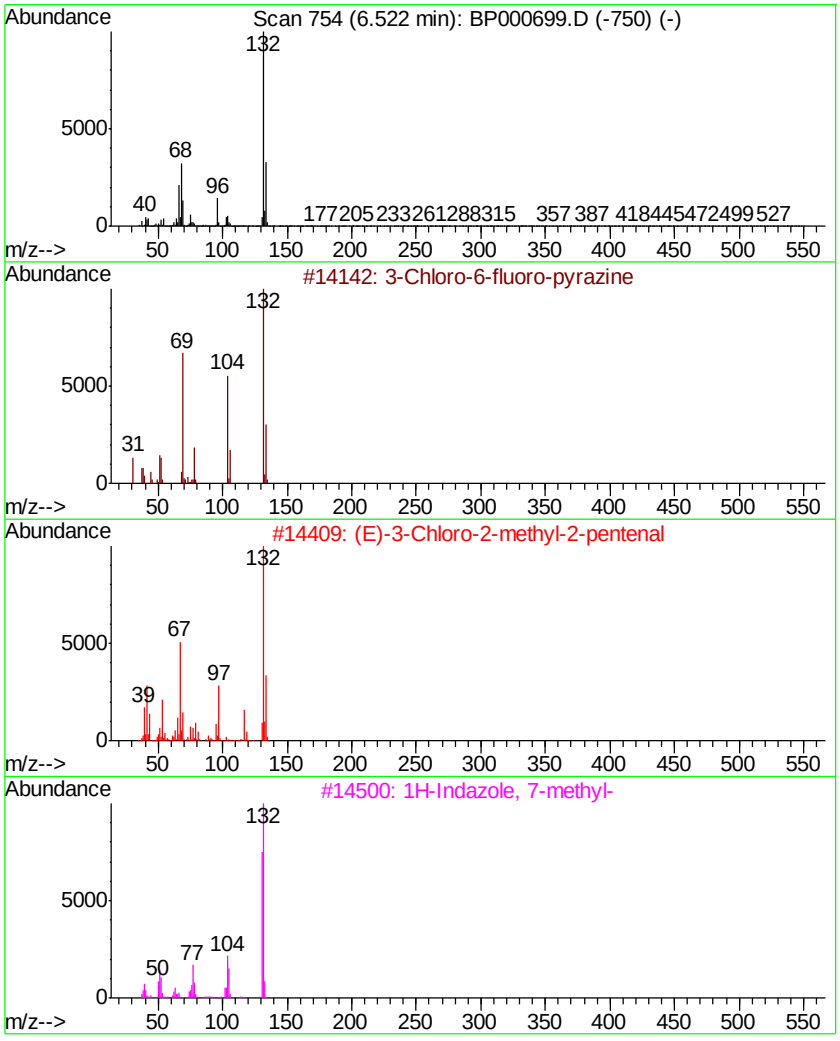
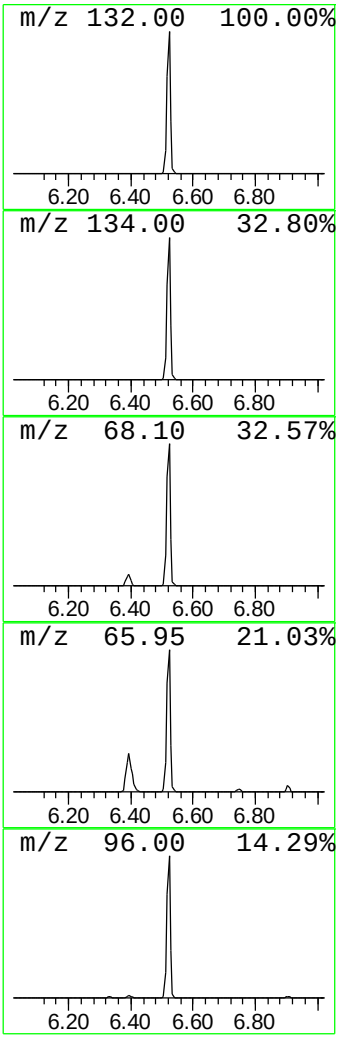
Peak Number 2 unknown6.52 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	46.05 ng	2635550	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	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9





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Instrument : BNA_P
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
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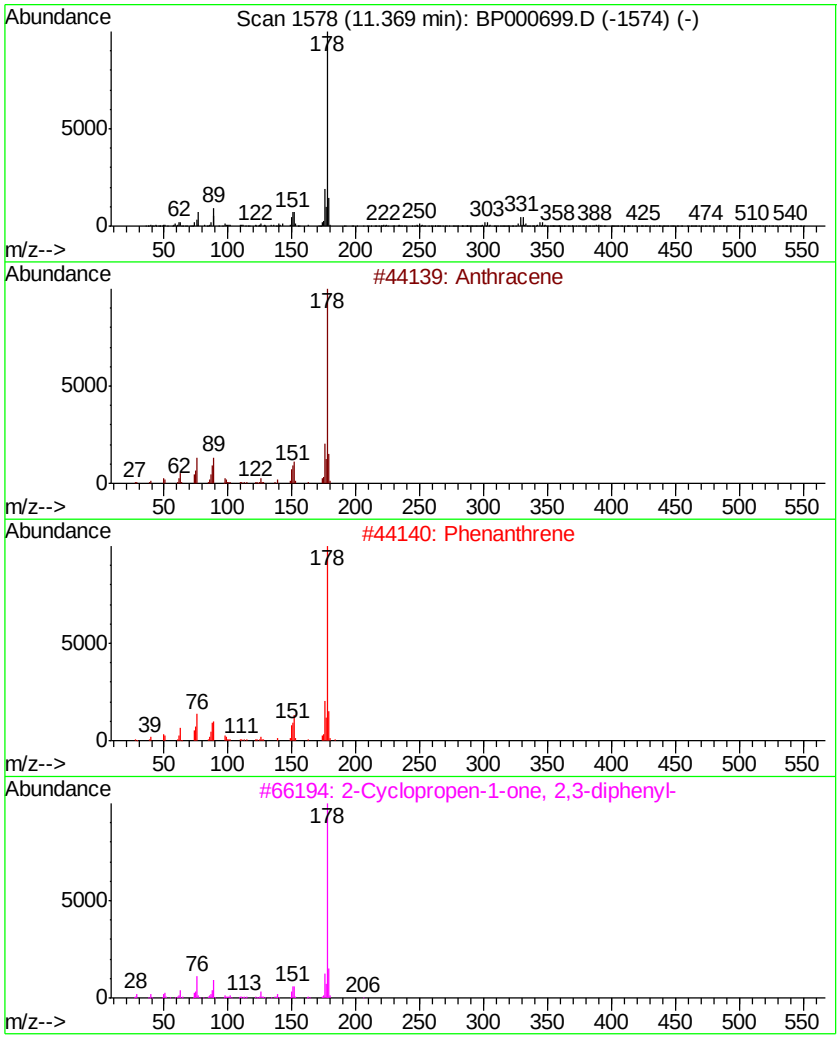
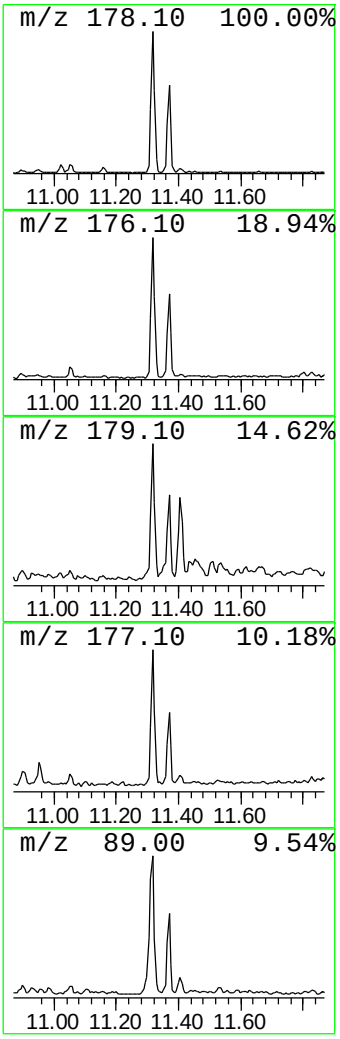
Peak Number 4 2-Cyclopropen-1-one, 2,3-di... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	2.30 ng	215633	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene	178	C14H10	000120-12-7	93
2	Phenanthrene	178	C14H10	000085-01-8	93
3	2-Cyclopropen-1-one, 2,3-diphenyl-	206	C15H10O	000886-38-4	87
4	Cyclobutenedione, diphenyl-	234	C16H10O2	024234-76-2	87
5	9H-Fluorene, 9-methylene-	178	C14H10	004425-82-5	81





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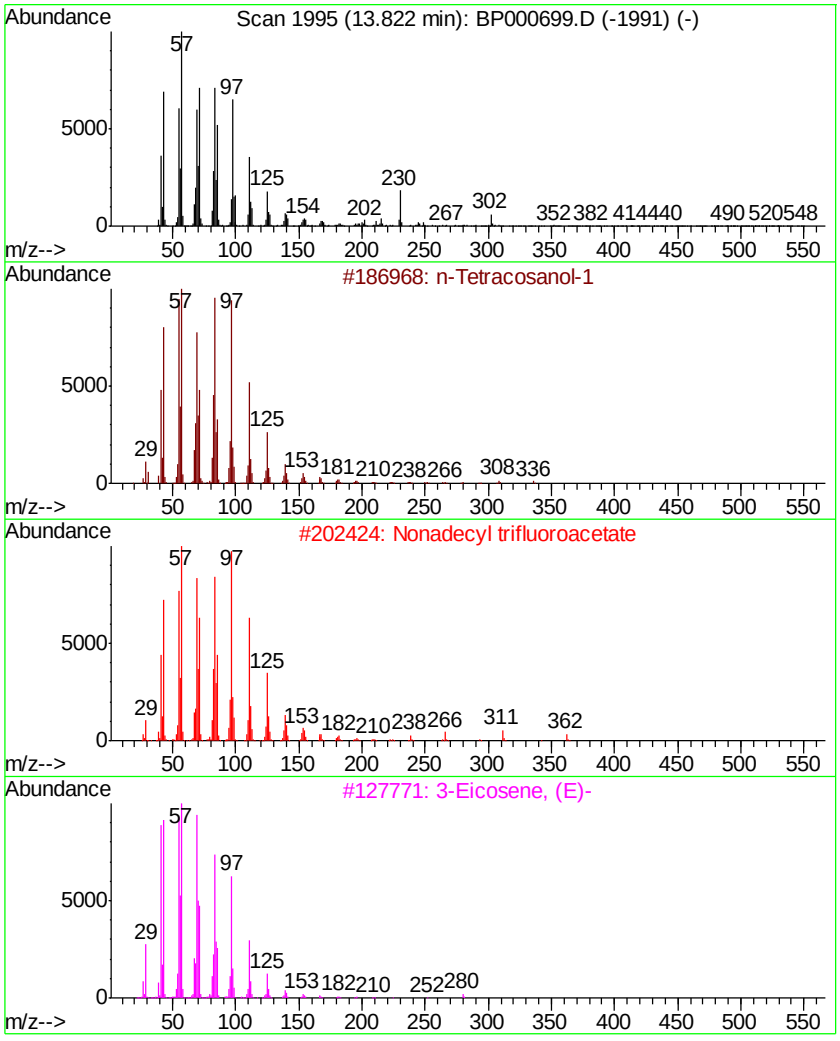
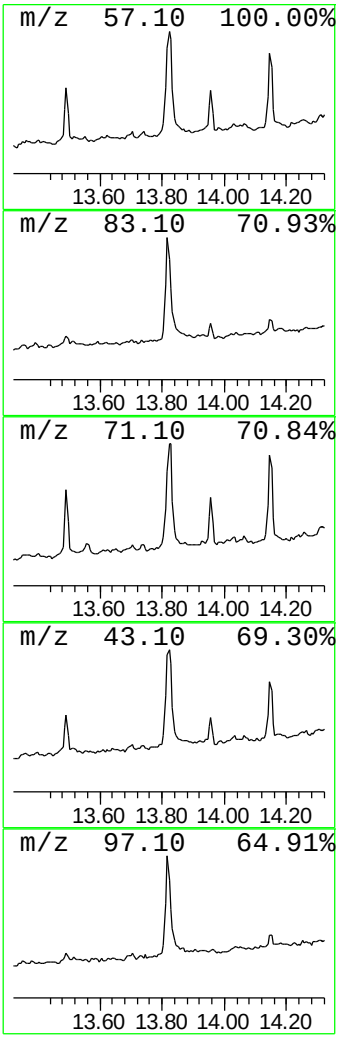
Peak Number 5 n-Tetracosanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	5.32 ng	744365	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
2	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	90
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	87
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	83
5	Behenic alcohol	326	C22H46O	000661-19-8	81





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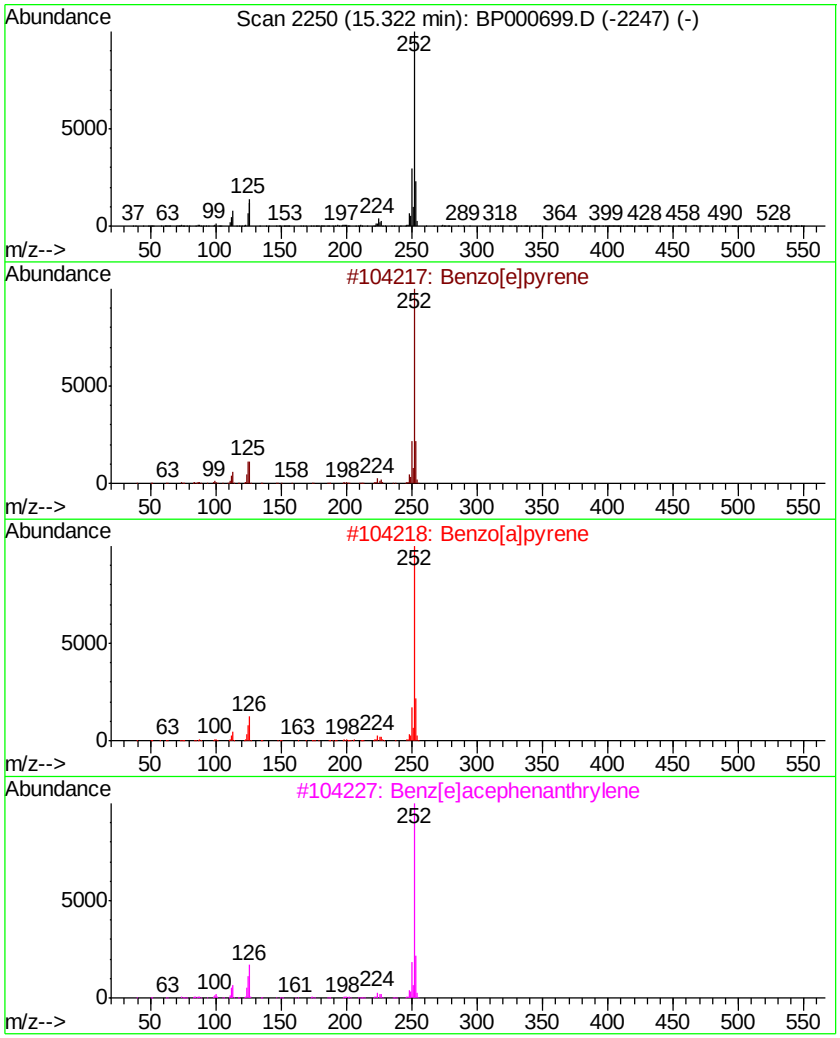
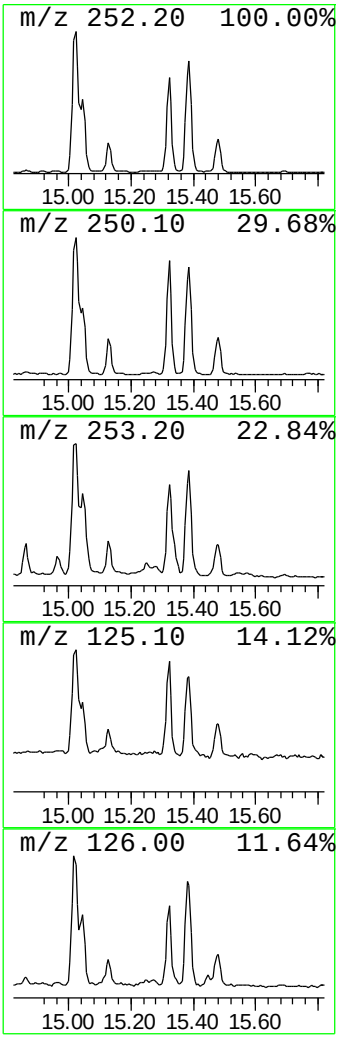
Peak Number 6 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	8.94 ng	659228	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

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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...	4.95	12.5	ng	715830	1	6.75	1144700	20.0
unknown6.52	6.52	46.0	ng	2635550	1	6.75	1144700	20.0
2-Cyclopropen-1-o...	11.37	2.3	ng	215633	4	11.29	1876300	20.0
n-Tetracosanol-1	13.82	5.3	ng	744365	5	13.97	2798780	20.0
Benzo[e]pyrene	15.32	8.9	ng	659228	6	15.45	1475060	20.0