LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097062.D
Acq On : 26 Jul 2017 7:29
Operator : SJ/JU
Sample : I4370-05 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N6-BASE

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:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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	2.693	135	137	143	rBV3	11289	25930	2.47%	0.230%
2	3.998	353	359	367	rBV2	8771	13893	1.33%	0.123%
3	4.628	463	466	472	rBV	39992	47914	4.57%	0.424%
4	5.034	532	535	542	rBV	19186	24438	2.33%	0.216%
5	5.098	542	546	563	rVV	482092	545696	52.07%	4.833%
6	6.157	723	726	736	rBV	578584	559067	53.34%	4.952%
7	6.234	736	739	742	rVV	379726	325247	31.03%	2.881%
8	6.269	742	745	752	rVB	619625	547174	52.21%	4.846%
9	6.440	771	774	780	rVB	67718	62460	5.96%	0.553%
10	6.498	780	784	790	rBV	881018	821020	78.34%	7.272%
11	6.551	790	793	798	rVB	98683	83814	8.00%	0.742%
12	6.651	807	810	812	rBV	522821	579867	55.33%	5.136%
13	6.792	830	834	836	rBV2	38284	48895	4.67%	0.433%
14	6.828	839	840	843	rVB2	20290	14587	1.39%	0.129%
15	6.957	858	862	867	rBV2	41358	62968	6.01%	0.558%
16	7.063	874	880	883	rBV	351925	310689	29.64%	2.752%
17	7.222	905	907	911	rVB2	27378	24066	2.30%	0.213%
18	7.304	919	921	928	rBV3	9194	13436	1.28%	0.119%
19	7.469	944	949	955	rBV5	20610	37906	3.62%	0.336%
20	7.528	955	959	962	rVB5	11651	16238	1.55%	0.144%
21	7.563	962	965	966	rBV2	24728	21752	2.08%	0.193%
22	7.604	966	972	977	rVB2	77162	125323	11.96%	1.110%
23	7.663	980	982	985	rVB3	19462	15075	1.44%	0.134%
24	7.692	985	987	990	rBV2	19052	22668	2.16%	0.201%
25	7.728	990	993	997	rVB	144273	119246	11.38%	1.056%
26	7.781	997	1002	1005	rBV	1210757	1048084	100.00%	9.283%
27	7.951	1024	1031	1033	rBV	88584	84333	8.05%	0.747%
28	8.039	1043	1046	1049	rBV3	9436	12019	1.15%	0.106%
29	8.075	1049	1052	1058	rVB6	12324	19451	1.86%	0.172%
30	8.163	1058	1067	1073	rBV2	43803	63728	6.08%	0.564%
31	8.228	1073	1078	1080	rBV4	15340	22256	2.12%	0.197%
32	8.257	1080	1083	1085	rVV3	30817	29481	2.81%	0.261%
33	8.286	1085	1088	1095	rVV	44201	55430	5.29%	0.491%
34	8.451	1114	1116	1119	rVB4	12365	11740	1.12%	0.104%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097062.D
Acq On : 26 Jul 2017 7:29
Operator : SJ/JU
Sample : I4370-05 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N6-BASE

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:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.492	1120	1123	1127	rVV	83539	69708	6.65%	0.617%
36	8.557	1132	1134	1137	rVV2	14696	16213	1.55%	0.144%
37	8.592	1137	1140	1142	rVV	87138	72158	6.88%	0.639%
38	8.616	1142	1144	1147	rVB2	17669	16651	1.59%	0.147%
39	8.651	1147	1150	1154	rBV5	20352	28658	2.73%	0.254%
40	8.775	1166	1171	1173	rBV6	23294	40439	3.86%	0.358%
41	8.857	1182	1185	1190	rBV	629537	507386	48.41%	4.494%
42	8.939	1194	1199	1201	rBV5	27556	43750	4.17%	0.387%
43	9.098	1223	1226	1227	rBV2	23363	24344	2.32%	0.216%
44	9.192	1240	1242	1245	rBV	34508	31340	2.99%	0.278%
45	9.257	1250	1253	1255	rVB	97661	71296	6.80%	0.631%
46	9.357	1267	1270	1271	rBV3	22347	21582	2.06%	0.191%
47	9.386	1273	1275	1277	rVV	34563	29187	2.78%	0.259%
48	9.528	1294	1299	1303	rBV	1050969	885723	84.51%	7.845%
49	9.957	1369	1372	1374	rVB	72817	62962	6.01%	0.558%
50	9.980	1374	1376	1379	rVB4	19763	18539	1.77%	0.164%
51	10.086	1392	1394	1396	rBV2	19292	14174	1.35%	0.126%
52	10.310	1429	1432	1440	rBV	238954	235600	22.48%	2.087%
53	10.775	1507	1511	1516	rBV8	23231	46136	4.40%	0.409%
54	10.998	1546	1549	1553	rBV	771769	651651	62.18%	5.772%
55	11.469	1627	1629	1631	rBV3	16055	12457	1.19%	0.110%
56	11.557	1642	1644	1647	rVB3	27284	23663	2.26%	0.210%
57	12.069	1729	1731	1735	rVB4	27448	29437	2.81%	0.261%
58	12.257	1761	1763	1768	rBV6	26438	41997	4.01%	0.372%
59	12.545	1810	1812	1815	rBV3	21576	22907	2.19%	0.203%
60	12.580	1815	1818	1823	rVB	341698	287336	27.42%	2.545%
61	12.669	1831	1833	1835	rVB	24708	13919	1.33%	0.123%
62	12.745	1844	1846	1851	rVB6	36085	45995	4.39%	0.407%
63	12.827	1858	1860	1864	rBV5	19621	31632	3.02%	0.280%
64	12.998	1887	1889	1891	rBV2	27926	19546	1.86%	0.173%
65	13.127	1909	1911	1914	rBV	31432	26456	2.52%	0.234%
66	13.210	1922	1925	1928	rBV2	40427	40584	3.87%	0.359%
67	13.374	1951	1953	1959	rVB6	26689	29645	2.83%	0.263%
68	13.421	1959	1961	1963	rBV2	23955	26580	2.54%	0.235%
69	13.498	1971	1974	1979	rVB5	38011	44071	4.20%	0.390%
70	13.621	1991	1995	2003	rBV	667601	707229	67.48%	6.264%
71	14.304	2107	2111	2113	rBV5	38086	58617	5.59%	0.519%

LSC Area Percent Report

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Data File : BF097062.D
Acq On : 26 Jul 2017 7:29
Operator : SJ/JU
Sample : I4370-05 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N6-BASE

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:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.615	2161	2164	2170	rVB	101953	149394	14.25%	1.323%
73	14.868	2204	2207	2213	rVB	85185	102611	9.79%	0.909%
74	14.927	2213	2217	2221	rBV	33338	63778	6.09%	0.565%
75	14.974	2221	2225	2231	rVV	426704	471959	45.03%	4.180%
76	16.021	2401	2403	2406	rBV3	20434	23730	2.26%	0.210%
77	16.198	2430	2433	2439	rVB	45980	75448	7.20%	0.668%
78	16.251	2441	2442	2444	rBV2	16851	15974	1.52%	0.141%
79	16.562	2491	2495	2500	rVB	39077	62309	5.95%	0.552%
80	16.674	2509	2514	2521	rBV	34106	74083	7.07%	0.656%
81	16.851	2539	2544	2549	rBV7	25172	52951	5.05%	0.469%
82	18.698	2854	2858	2859	rBV4	12414	16708	1.59%	0.148%
83	19.021	2911	2913	2919	rBV7	14202	16083	1.53%	0.142%

Sum of corrected areas: 11290487

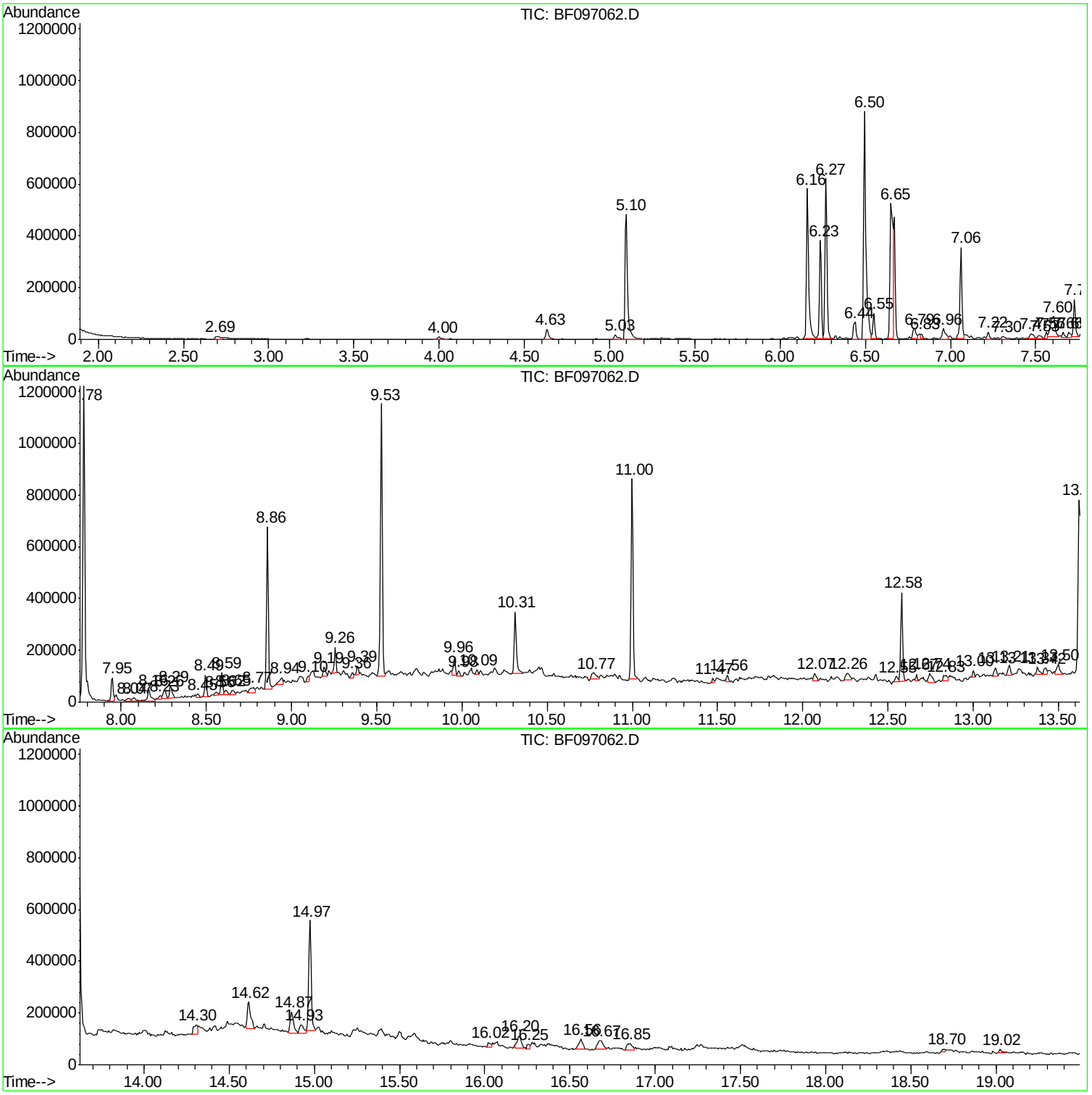
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097062.D
Acq On : 26 Jul 2017 7:29
Operator : SJ/JU
Sample : I4370-05 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N6-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097062.D
Acq On : 26 Jul 2017 7:29
Operator : SJ/JU
Sample : I4370-05 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N6-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

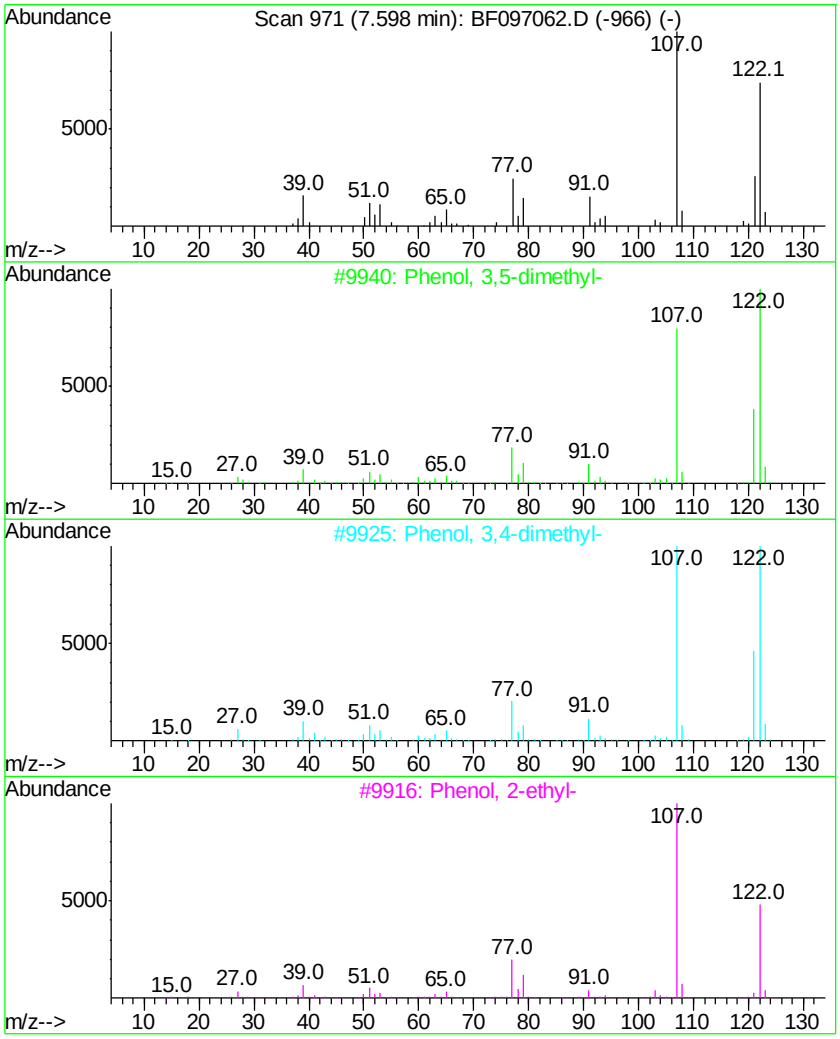
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

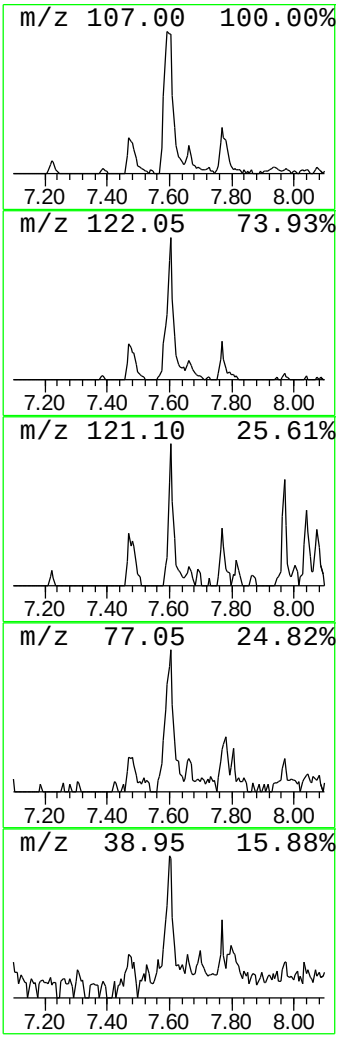
****

Peak Number 1 Phenol, 3,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	2.39 ng	125323	Naphthalene-d8	7.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	95
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	91
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
4	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	90
5	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097062.D
Acq On : 26 Jul 2017 7:29
Operator : SJ/JU
Sample : I4370-05 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N6-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

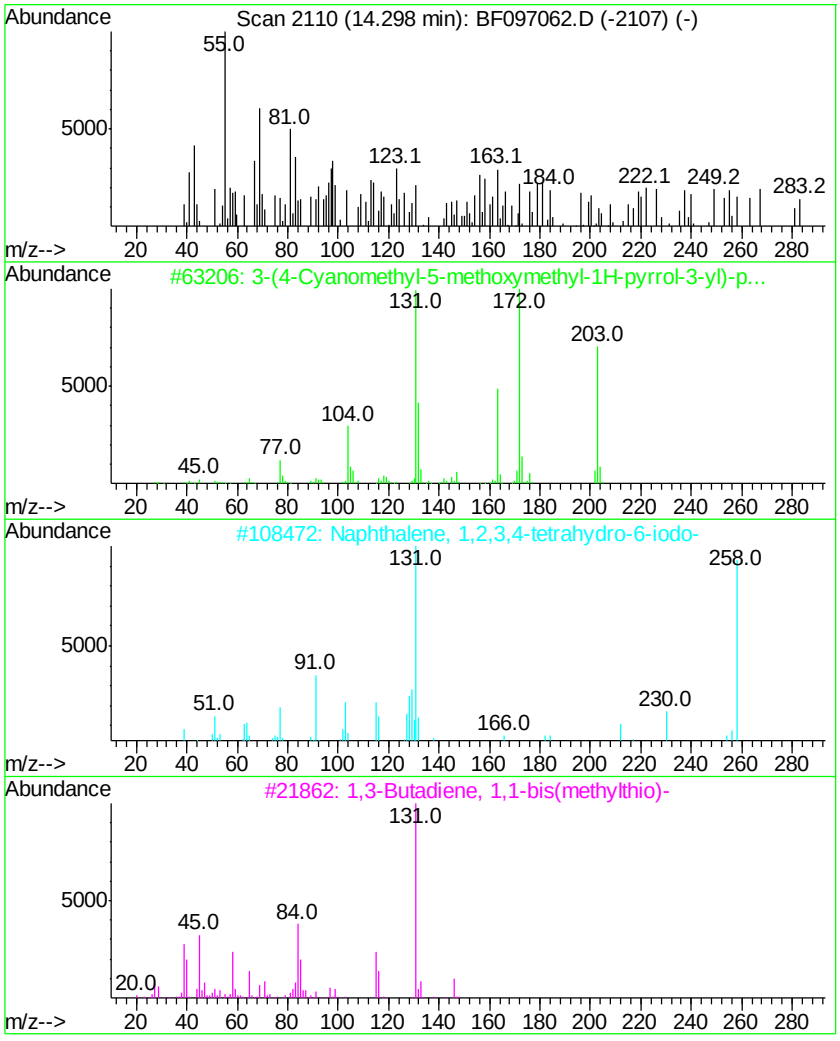
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

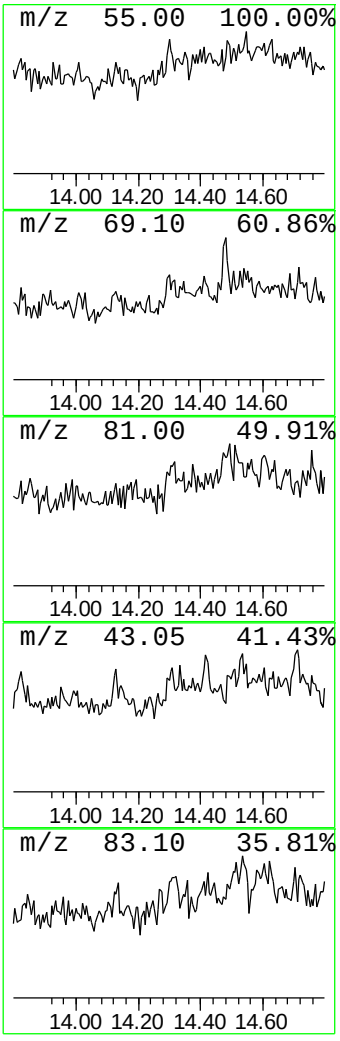
****

Peak Number 2 unknown14.30 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	2.48 ng	58617	Perylene-d12	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(4-Cyanomethyl-5-methoxymethyl...	203	C11H13N3O	195449-06-0	27
2	Naphthalene, 1,2,3,4-tetrahydro-...	258	C10H11I	056804-94-5	16
3	1,3-Butadiene, 1,1-bis(methylthio)-	146	C6H10S2	066612-70-2	11
4	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	11
5	2-Propenamide, N-(3-methoxypheny...	253	C16H15NO2	015116-41-3	11





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097062.D
Acq On : 26 Jul 2017 7:29
Operator : SJ/JU
Sample : I4370-05 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N6-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

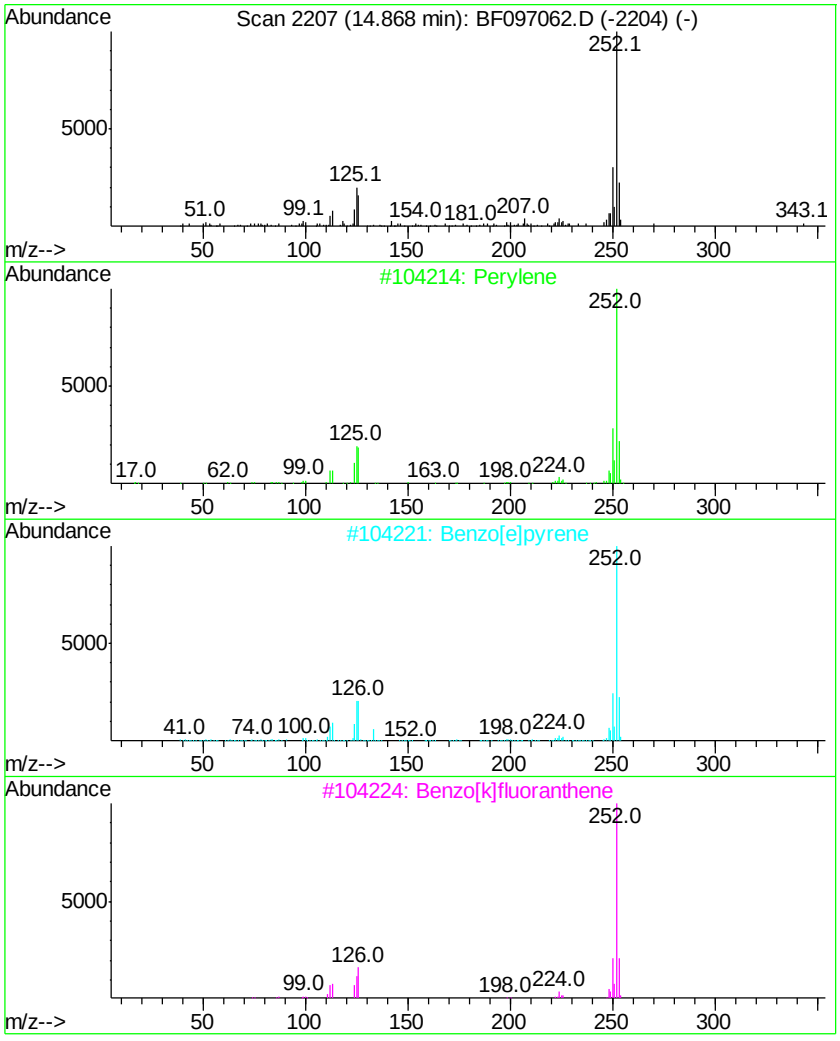
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

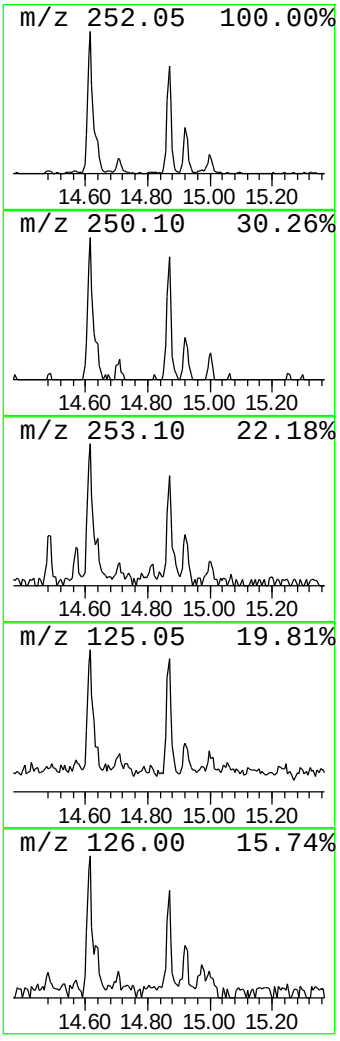
****

Peak Number 3 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	4.35 ng	102611	Perylene-d12	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81





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Data File : BF097062.D
Acq On : 26 Jul 2017 7:29
Operator : SJ/JU
Sample : I4370-05 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N6-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

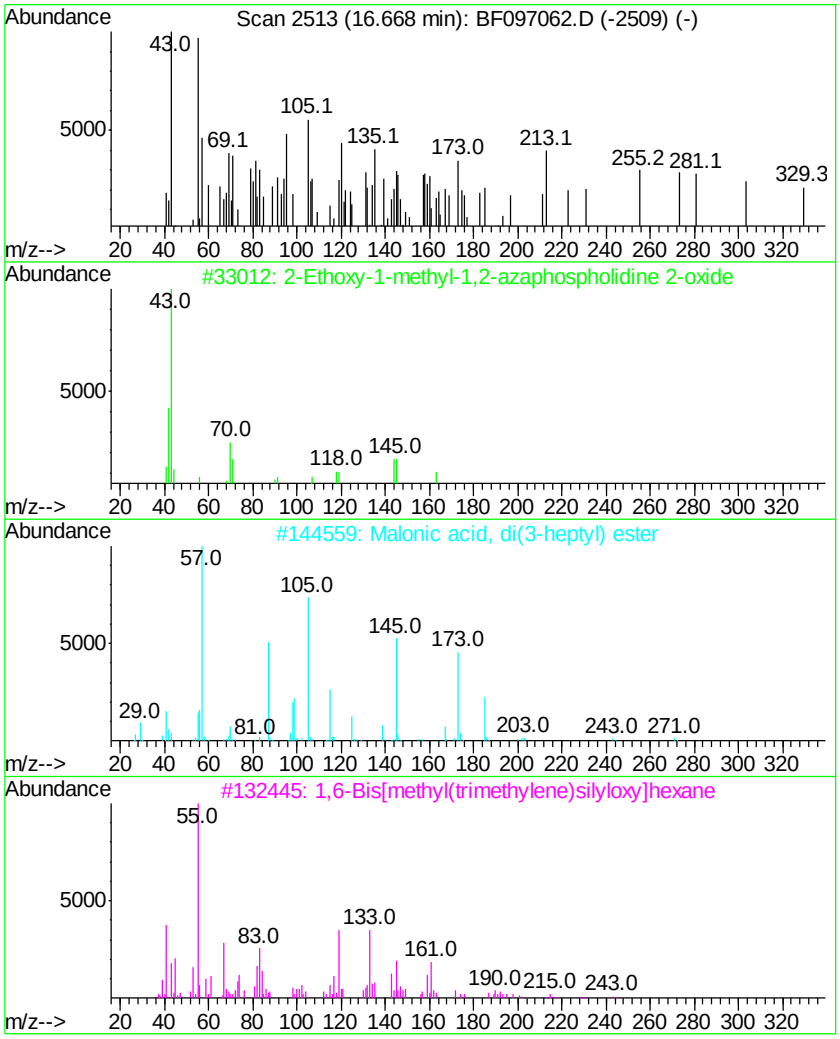
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

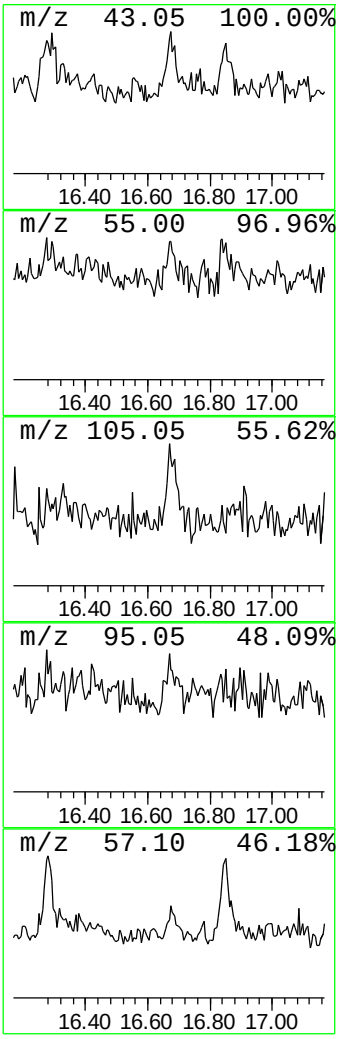
****

Peak Number 5 unknown16.67 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	3.14 ng	74083	Perylene-d12	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethoxy-1-methyl-1,2-azaphospho...	163	C6H14NO2P	054008-32-1	10
2	Malonic acid, di(3-heptyl) ester	300	C17H32O4	1000349-16-3	9
3	1,6-Bis[methyl(trimethylene)silv...	286	C14H30O2Si2	1000217-00-5	9
4	Acetamide, N-(2-methoxy-4,5-dini...	255	C9H9N3O6	066910-71-2	9
5	.beta.-d-Lyxofuranoside, 5-O-ace...	358	C17H31BO5S	1000154-39-1	7





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Operator : SJ/JU
Sample : I4370-05 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N6-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

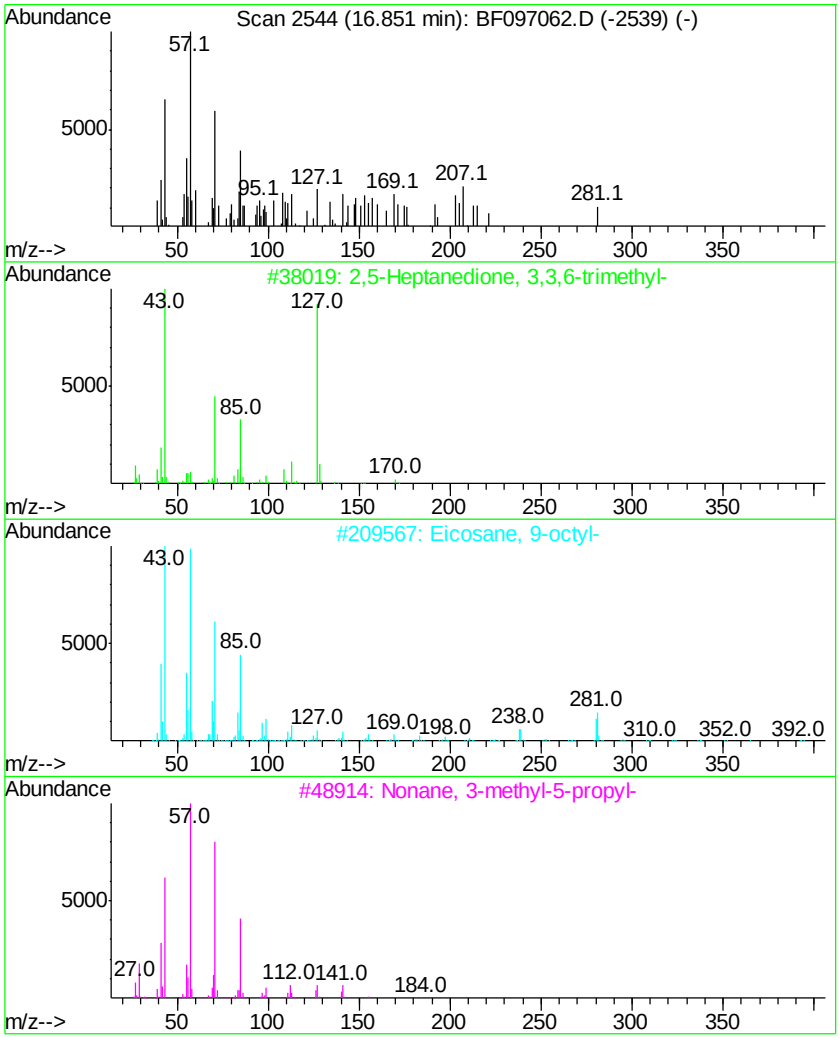
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

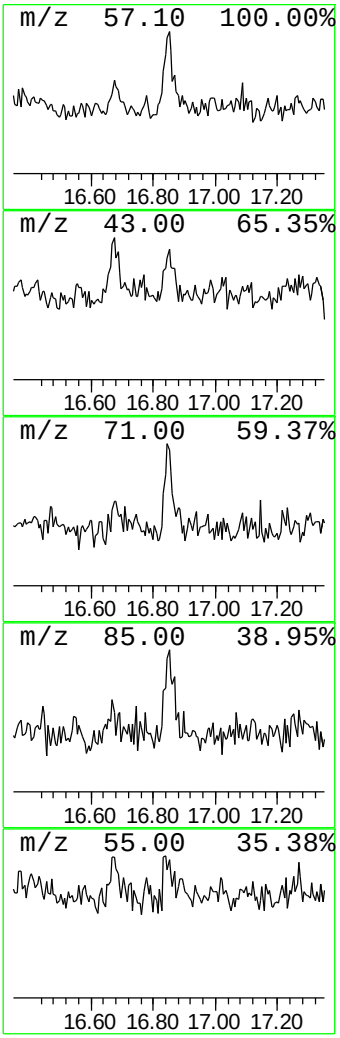
****

Peak Number 6 unknown16.85 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	2.24 ng	52951	Perylene-d12	14.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Heptanedione, 3,3,6-trimethyl-	170	C10H18O2	051513-40-7	43
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	38
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	38
4	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	35
5	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072517\
Data File : BF097062.D
Acq On : 26 Jul 2017 7:29
Operator : SJ/JU
Sample : I4370-05 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-N6-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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
Phenol, 3,5-dimet...	7.60	2.4	ng	125323	2	7.78	1048080	20.0
unknown14.30	14.30	2.5	ng	58617	6	14.97	471959	20.0
Perylene	14.87	4.3	ng	102611	6	14.97	471959	20.0
unknown16.67	16.67	3.1	ng	74083	6	14.97	471959	20.0
unknown16.85	16.85	2.2	ng	52951	6	14.97	471959	20.0