LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082317\
Data File : BF097997.D
Acq On : 23 Aug 2017 14:48
Operator : SJ/JU
Sample : I4913-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-BE2-1-3-COMP

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-BF081517.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	3.116	170	175	186	rBV	103577	202658	3.86%	0.458%
2	4.940	481	485	495	rVB	210568	312692	5.96%	0.707%
3	5.351	549	555	558	rBV	3290106	3611842	68.85%	8.165%
4	5.563	587	591	596	rVB	93618	78359	1.49%	0.177%
5	6.381	723	730	733	rBV	3321045	3864944	73.67%	8.737%
6	6.510	747	752	755	rBV	3429074	3635005	69.29%	8.217%
7	6.739	787	791	794	rBV	1005925	846679	16.14%	1.914%
8	6.898	813	818	821	rVB	2848574	2704417	51.55%	6.114%
9	7.304	881	887	890	rBV	2345385	2395763	45.67%	5.416%
10	8.022	1004	1009	1012	rBV	1300903	1082097	20.63%	2.446%
11	8.786	1135	1139	1145	rBV	61666	84030	1.60%	0.190%
12	9.098	1186	1192	1195	rBV	3586278	3764406	71.76%	8.510%
13	9.492	1254	1259	1262	rBV	613660	480841	9.17%	1.087%
14	9.775	1301	1307	1310	rBV	1198101	1093818	20.85%	2.473%
15	10.563	1435	1441	1444	rBV	1751398	1788148	34.08%	4.042%
16	10.680	1458	1461	1470	rVB	83688	90753	1.73%	0.205%
17	11.251	1554	1558	1561	rBV	1128688	1105985	21.08%	2.500%
18	11.274	1561	1562	1566	rVV	420810	271451	5.17%	0.614%
19	11.327	1566	1571	1573	rVB	106070	100945	1.92%	0.228%
20	11.751	1640	1643	1646	rBV	88684	86312	1.65%	0.195%
21	11.780	1646	1648	1652	rVV	123472	118495	2.26%	0.268%
22	11.821	1652	1655	1659	rVV	662766	546189	10.41%	1.235%
23	11.863	1659	1662	1664	rVV	150444	151792	2.89%	0.343%
24	11.886	1664	1666	1670	rVB	65693	58314	1.11%	0.132%
25	12.051	1691	1694	1696	rBV	61998	54062	1.03%	0.122%
26	12.304	1732	1737	1739	rBV	95370	101781	1.94%	0.230%
27	12.386	1748	1751	1756	rVB2	55291	60320	1.15%	0.136%
28	12.463	1760	1764	1768	rVB	1238957	1060182	20.21%	2.397%
29	12.692	1795	1803	1806	rBV	981275	1087361	20.73%	2.458%
30	12.739	1809	1811	1819	rVB4	64487	95626	1.82%	0.216%
31	12.810	1819	1823	1824	rBV	67885	67019	1.28%	0.152%
32	12.839	1824	1828	1832	rVB	2596598	2729420	52.03%	6.170%
33	12.910	1835	1840	1843	rBV2	60735	102151	1.95%	0.231%
34	12.992	1851	1854	1856	rBV3	51407	57079	1.09%	0.129%

LSC Area Percent Report

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Sample : I4913-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-BE2-1-3-COMP

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-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.015	1856	1858	1861	rVB	145327	130070	2.48%	0.294%
36	13.080	1866	1869	1872	rVB2	105453	109173	2.08%	0.247%
37	13.121	1872	1876	1879	rBV2	115703	128568	2.45%	0.291%
38	13.210	1888	1891	1894	rVB2	53538	52531	1.00%	0.119%
39	13.245	1894	1897	1900	rBV3	51061	54541	1.04%	0.123%
40	13.321	1906	1910	1912	rBV2	84344	100946	1.92%	0.228%
41	13.521	1941	1944	1949	rVB	68166	70065	1.34%	0.158%
42	13.633	1959	1963	1966	rBV2	91095	115832	2.21%	0.262%
43	13.663	1966	1968	1970	rVV	89237	81838	1.56%	0.185%
44	13.698	1970	1974	1976	rVV2	145271	182580	3.48%	0.413%
45	13.739	1976	1981	1987	rVB4	153521	280997	5.36%	0.635%
46	13.886	2000	2006	2008	rBV	4541523	5246158	100.00%	11.860%
47	13.910	2008	2010	2013	rVB	454916	343591	6.55%	0.777%
48	13.986	2021	2023	2026	rVB	93010	76228	1.45%	0.172%
49	14.021	2027	2029	2032	rBV3	52594	53647	1.02%	0.121%
50	14.062	2034	2036	2039	rVB3	59676	53877	1.03%	0.122%
51	14.274	2069	2072	2075	rVB2	67112	67712	1.29%	0.153%
52	14.457	2101	2103	2107	rVB3	53800	66436	1.27%	0.150%
53	14.557	2117	2120	2124	rBV	105743	130009	2.48%	0.294%
54	14.733	2146	2150	2154	rBV3	93984	127488	2.43%	0.288%
55	14.898	2173	2178	2181	rBV	415875	643066	12.26%	1.454%
56	14.998	2192	2195	2201	rVB	92996	128770	2.45%	0.291%
57	15.180	2222	2226	2231	rVB	234591	289111	5.51%	0.654%
58	15.239	2232	2236	2242	rVB	349763	432029	8.24%	0.977%
59	15.304	2242	2247	2250	rBV	584502	720300	13.73%	1.628%
60	15.327	2250	2251	2259	rVB2	114578	129902	2.48%	0.294%
61	16.668	2473	2479	2488	rVB2	149264	299631	5.71%	0.677%
62	17.074	2543	2548	2561	rVB	109691	229763	4.38%	0.519%

Sum of corrected areas: 44235795

LSC Report - Integrated Chromatogram

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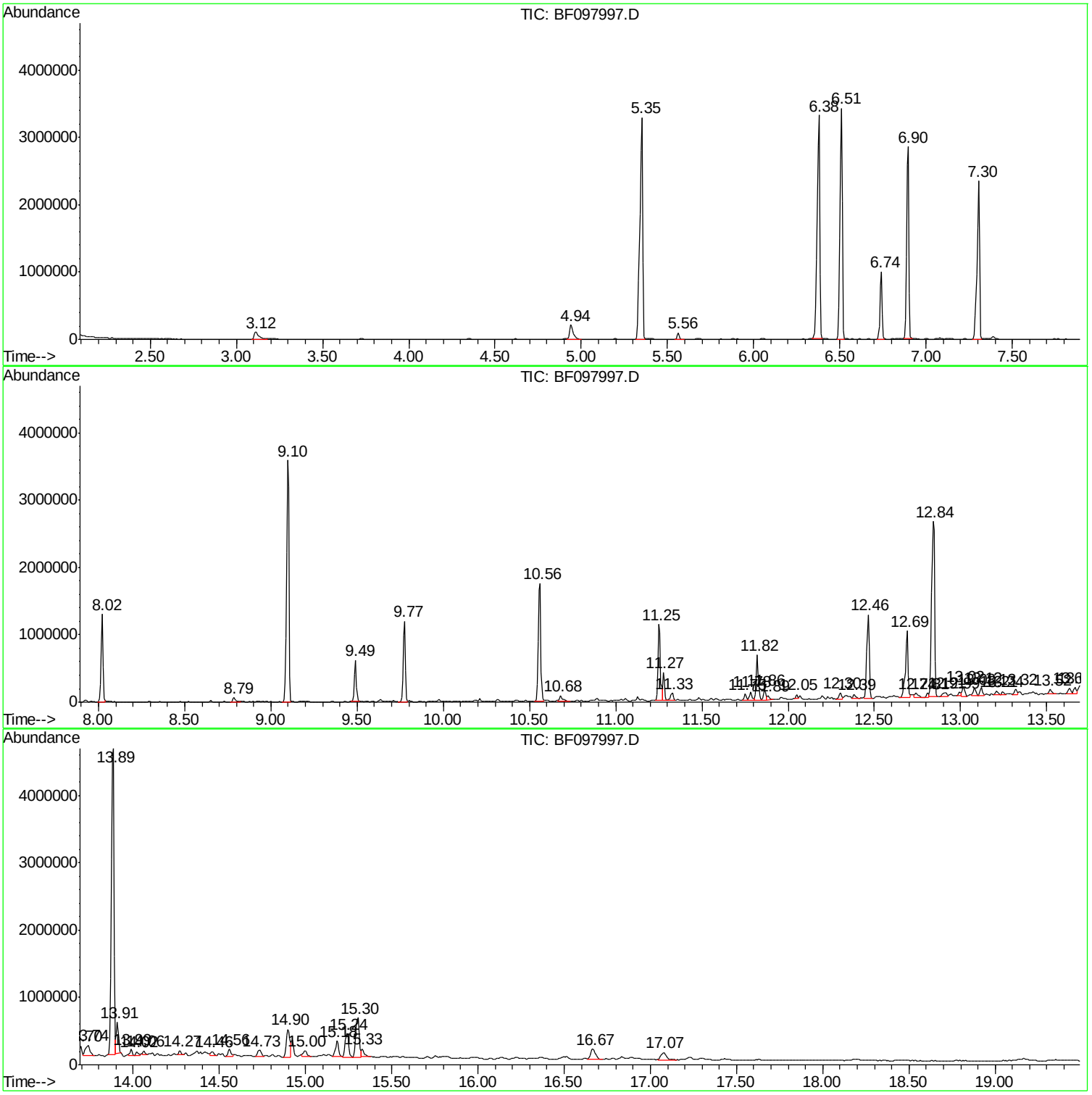
Sample : I4913-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-BE2-1-3-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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\BF082317\
Data File : BF097997.D
Acq On : 23 Aug 2017 14:48
Operator : SJ/JU
Sample : I4913-01
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Instrument : BNA_F
ClientSampleId : TEC-BE2-1-3-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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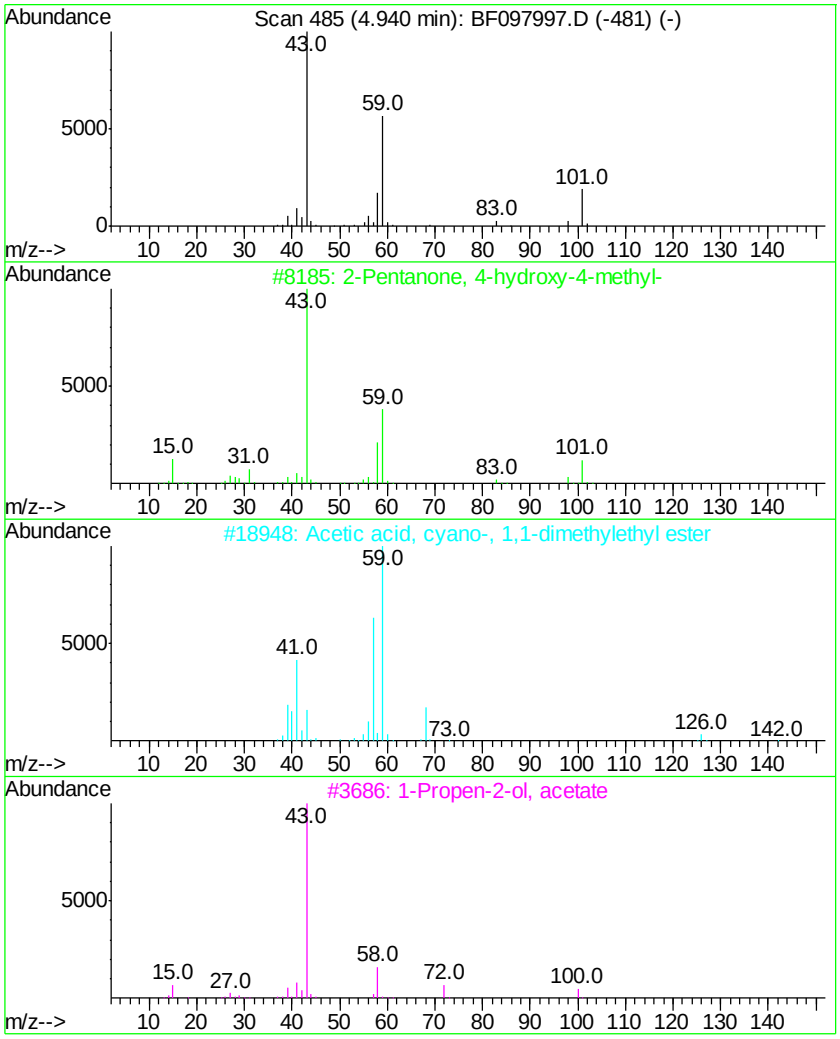
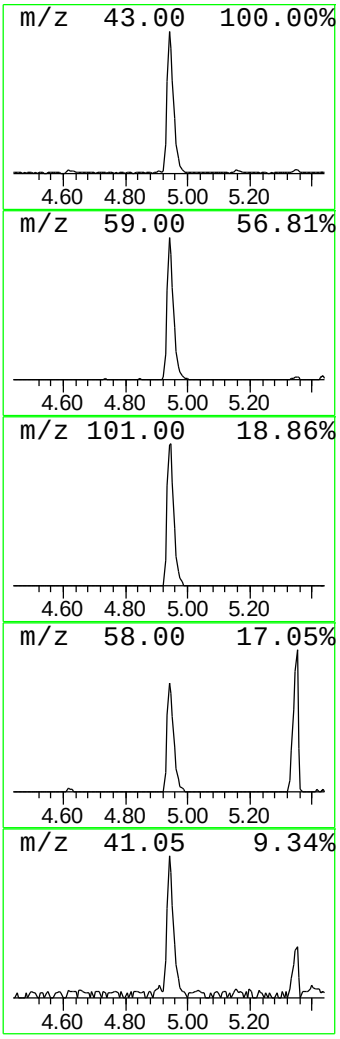
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	7.39 ng	312692	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF082317\
Data File : BF097997.D
Acq On : 23 Aug 2017 14:48
Operator : SJ/JU
Sample : I4913-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-BE2-1-3-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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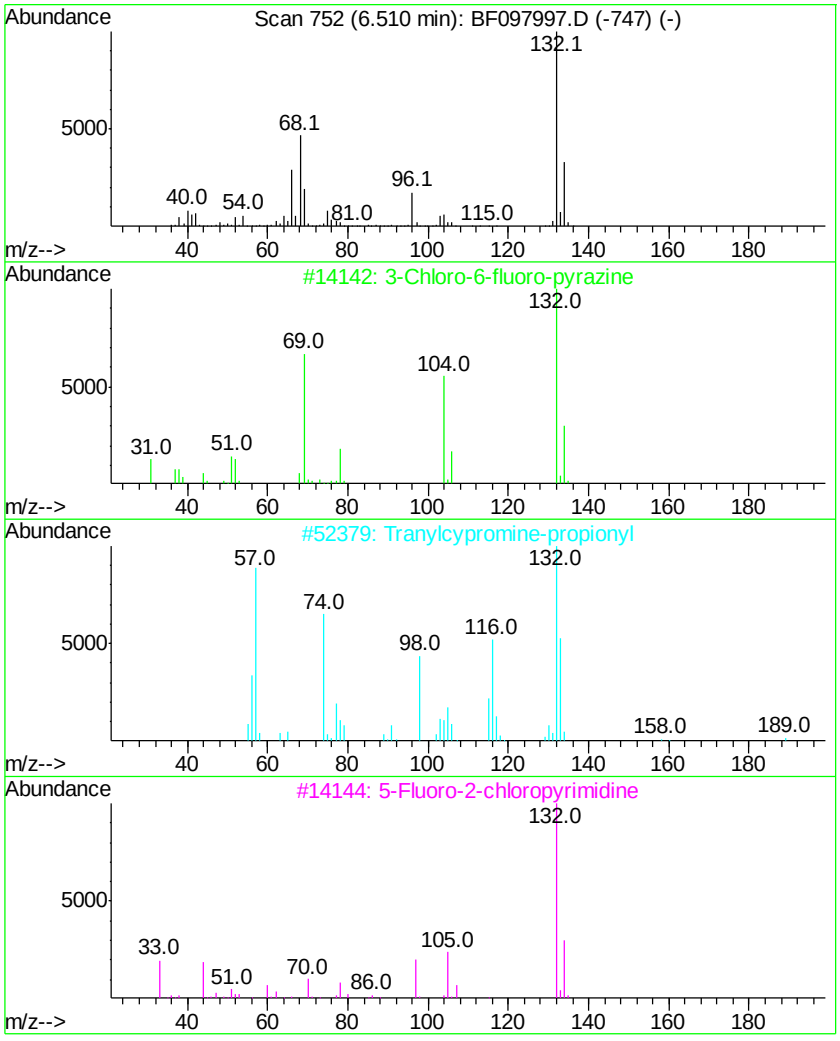
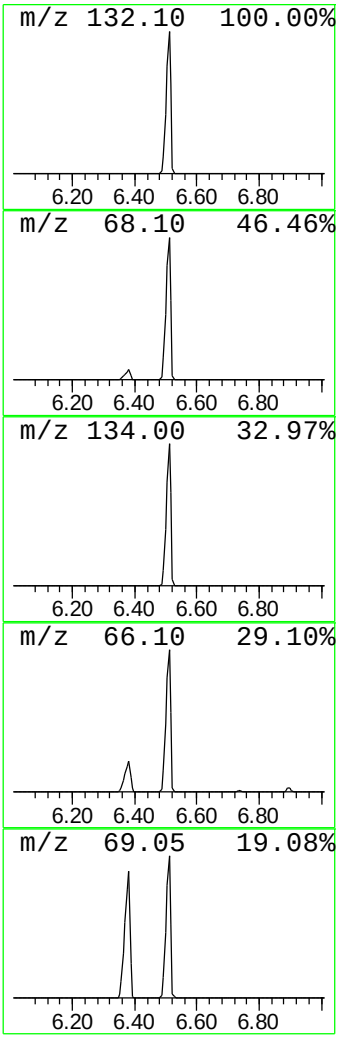
Peak Number 3 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	85.87 ng	3635010	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Sample : I4913-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-BE2-1-3-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
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TIC Integration Parameters: LSCINT.P

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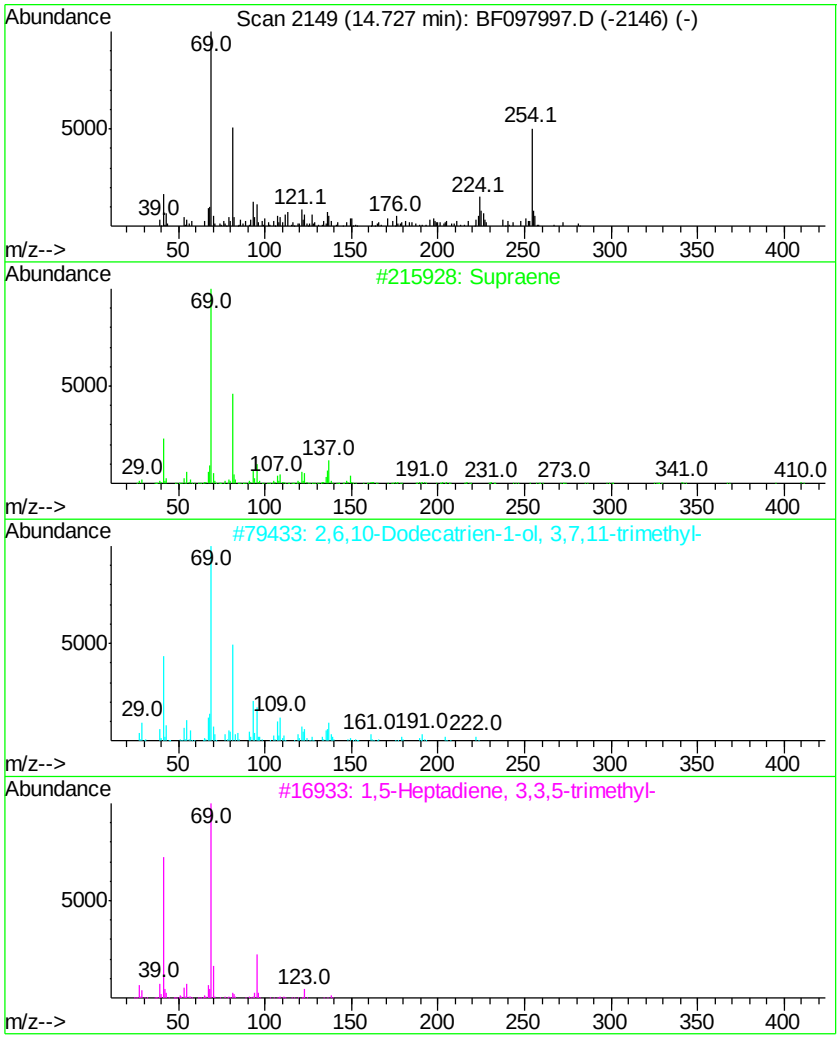
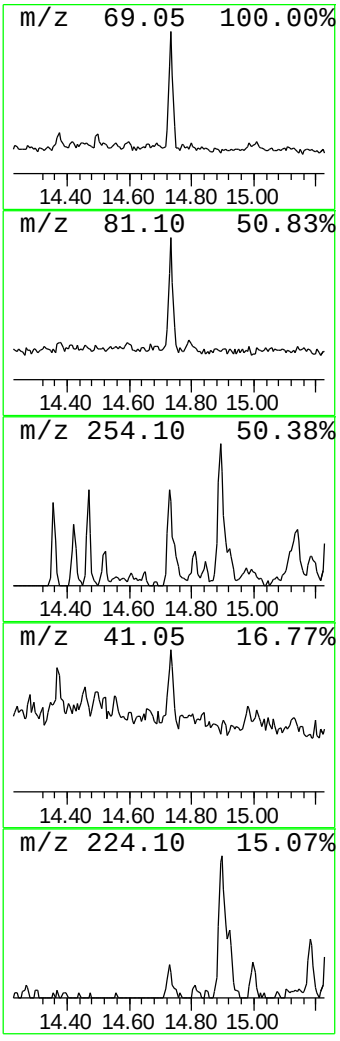
Peak Number 5 Supraene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	3.54 ng	127488	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	70
2	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	53
3	1,5-Heptadiene, 3,3,5-trimethyl-	138	C10H18	074630-29-8	49
4	2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	47
5	1,5-Heptadiene, 2,3,6-trimethyl-	138	C10H18	033501-88-1	47





Library Search Compound Report

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Operator : SJ/JU
Sample : I4913-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-BE2-1-3-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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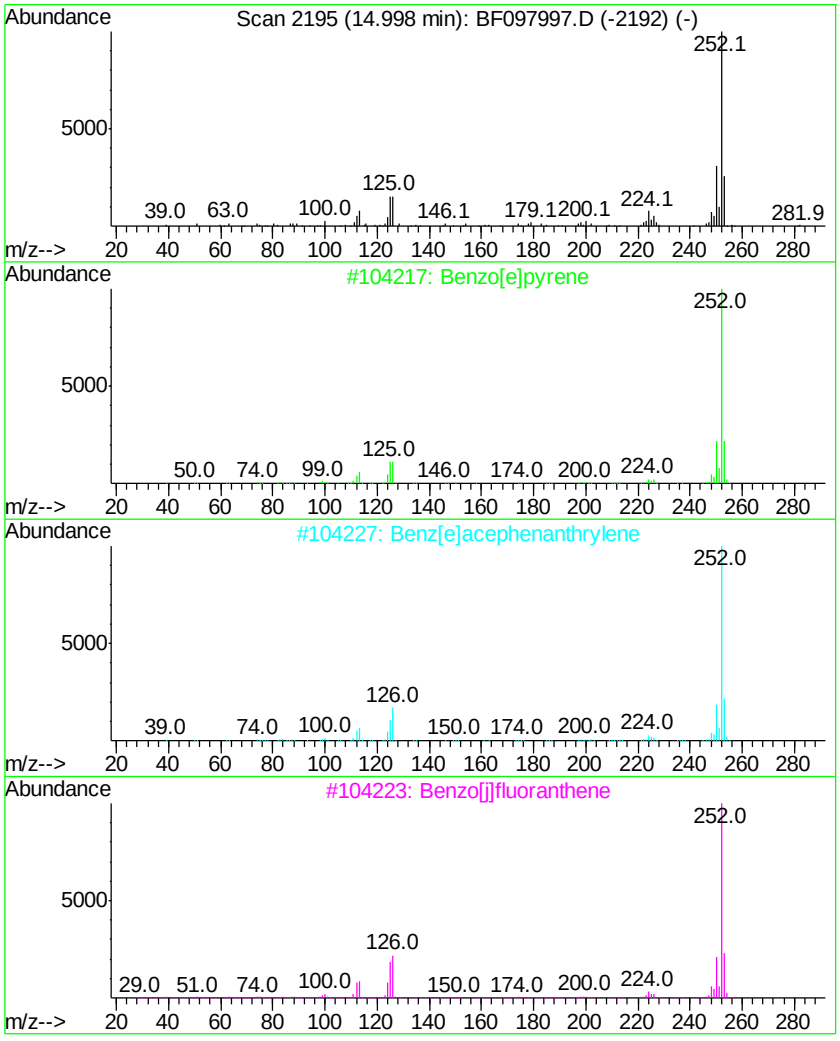
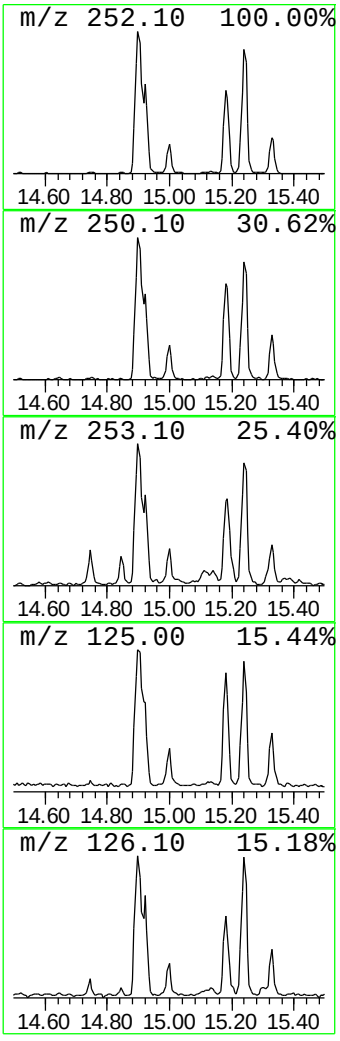
Peak Number 6 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	3.58 ng	128770	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Tentatively Identified Compound (LSC) summary

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ClientSampleId : TEC-BE2-1-3-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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...	4.94	7.4	ng	312692	1	6.74	846679	20.0
unknown6.51	6.51	85.9	ng	3635010	1	6.74	846679	20.0
Supraene	14.73	3.5	ng	127488	6	15.30	720300	20.0
Benzo[e]pyrene	15.00	3.6	ng	128770	6	15.30	720300	20.0