

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
 Data File : BF093872.D
 Acq On : 23 Mar 2017 9:57
 Operator : SJ/MA
 Sample : I2348-04 2X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JFC-SOIL-COMP

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.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	2.040	23	26	28	rBV2	23278	25970	1.70%	0.137%
2	2.069	28	31	40	rVB	53483	69895	4.59%	0.369%
3	3.216	219	226	229	rBV	23025	24781	1.63%	0.131%
4	3.722	309	312	316	rBV	45834	45950	3.02%	0.243%
5	4.116	375	379	383	rBV	449861	413920	27.16%	2.186%
6	4.498	440	444	451	rVB	517615	444048	29.14%	2.346%
7	4.763	484	489	494	rVB2	51619	66310	4.35%	0.350%
8	4.904	509	513	521	rVB3	26894	41306	2.71%	0.218%
9	5.551	619	623	630	rVB	623733	594273	38.99%	3.139%
10	5.716	647	651	655	rBV	490057	448565	29.43%	2.369%
11	5.986	692	697	700	rBV	1203341	1097981	72.05%	5.800%
12	6.063	706	710	714	rBV4	27284	34666	2.27%	0.183%
13	6.163	723	727	730	rVV	1232104	1079992	70.87%	5.705%
14	6.192	730	732	737	rVB2	25293	28039	1.84%	0.148%
15	6.286	742	748	750	rBV	13884	16450	1.08%	0.087%
16	6.451	770	776	779	rBV4	16214	21829	1.43%	0.115%
17	6.628	798	806	809	rBV	761260	769133	50.47%	4.063%
18	6.704	816	819	822	rVB	25095	22070	1.45%	0.117%
19	6.739	822	825	830	rBV5	23727	30115	1.98%	0.159%
20	6.928	853	857	863	rVB2	28033	43501	2.85%	0.230%
21	7.069	874	881	883	rBV4	12236	22312	1.46%	0.118%
22	7.151	889	895	897	rBV5	10288	19212	1.26%	0.101%
23	7.180	897	900	905	rVV4	16478	24932	1.64%	0.132%
24	7.228	905	908	914	rVB6	13101	18829	1.24%	0.099%
25	7.492	948	953	955	rBV	1436021	1504336	98.71%	7.946%
26	7.516	955	957	960	rVV	318235	262825	17.25%	1.388%
27	7.575	960	967	969	rVB	48193	54675	3.59%	0.289%
28	7.604	969	972	976	rBV	41527	39291	2.58%	0.208%
29	7.951	1027	1031	1036	rBV4	17713	25762	1.69%	0.136%
30	8.045	1042	1047	1053	rBV	67031	98731	6.48%	0.522%
31	8.198	1070	1073	1077	rVB6	15849	22775	1.49%	0.120%
32	8.257	1077	1083	1088	rBV5	45728	81914	5.37%	0.433%
33	8.357	1096	1100	1105	rVB	217949	221384	14.53%	1.169%
34	8.416	1106	1110	1113	rBV5	15554	26645	1.75%	0.141%

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35	8.475	1113	1120	1123	rBV	122830	123313	8.09%	0.651%
36	8.604	1139	1142	1144	rBV3	15317	16479	1.08%	0.087%
37	8.627	1144	1146	1150	rVV2	29197	29013	1.90%	0.153%
38	8.663	1150	1152	1156	rVB4	17760	24329	1.60%	0.129%
39	8.704	1156	1159	1163	rBV3	26251	33303	2.19%	0.176%
40	8.810	1170	1177	1181	rBV	1390866	1256644	82.46%	6.638%
41	8.927	1194	1197	1199	rBV	48031	43622	2.86%	0.230%
42	8.951	1199	1201	1207	rVB3	40632	48700	3.20%	0.257%
43	9.045	1215	1217	1221	rVB	31213	27422	1.80%	0.145%
44	9.122	1227	1230	1237	rBV3	44041	72506	4.76%	0.383%
45	9.216	1241	1246	1249	rVV	60461	82981	5.44%	0.438%
46	9.251	1249	1252	1256	rVV	61424	65108	4.27%	0.344%
47	9.304	1256	1261	1264	rVV	223718	221562	14.54%	1.170%
48	9.345	1264	1268	1278	rVB3	84461	161092	10.57%	0.851%
49	9.457	1284	1287	1294	rVB4	24945	35291	2.32%	0.186%
50	9.604	1308	1312	1313	rBV	117642	105192	6.90%	0.556%
51	9.633	1313	1317	1321	rVV2	1521473	1523991	100.00%	8.050%
52	9.669	1321	1323	1327	rVB	208555	174812	11.47%	0.923%
53	9.774	1338	1341	1342	rBV3	23796	23650	1.55%	0.125%
54	9.827	1346	1350	1352	rVB4	24578	27120	1.78%	0.143%
55	9.880	1356	1359	1365	rVV	111421	138734	9.10%	0.733%
56	9.939	1365	1369	1372	rVV4	38965	61220	4.02%	0.323%
57	9.998	1376	1379	1382	rVV3	44863	53729	3.53%	0.284%
58	10.033	1382	1385	1389	rVV4	23034	42449	2.79%	0.224%
59	10.063	1389	1390	1395	rVB3	26030	22692	1.49%	0.120%
60	10.145	1400	1404	1411	rBV8	27788	55272	3.63%	0.292%
61	10.221	1411	1417	1420	rVV	101054	107760	7.07%	0.569%
62	10.269	1423	1425	1428	rVV3	29852	33182	2.18%	0.175%
63	10.304	1428	1431	1435	rVB	144075	138961	9.12%	0.734%
64	10.357	1435	1440	1443	rBV6	28538	54963	3.61%	0.290%
65	10.410	1447	1449	1453	rVB5	18684	21541	1.41%	0.114%
66	10.498	1461	1464	1467	rVB2	84704	91212	5.99%	0.482%
67	10.598	1477	1481	1483	rBV2	132784	141157	9.26%	0.746%
68	10.768	1508	1510	1514	rBV5	26337	29801	1.96%	0.157%
69	10.810	1514	1517	1518	rVV	97333	95625	6.27%	0.505%
70	10.827	1518	1520	1524	rVB	137530	132735	8.71%	0.701%
71	11.051	1555	1558	1561	rBV4	22882	27330	1.79%	0.144%

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72	11.086	1562	1564	1568	rVB4	26760	23873	1.57%	0.126%
73	11.210	1583	1585	1588	rVB2	25796	20024	1.31%	0.106%
74	11.321	1603	1604	1608	rVB2	31903	29924	1.96%	0.158%
75	11.363	1608	1611	1615	rVV	91658	91082	5.98%	0.481%
76	11.404	1615	1618	1621	rVB	76273	79507	5.22%	0.420%
77	11.457	1622	1627	1630	rVV	1315519	1302056	85.44%	6.878%
78	11.480	1630	1631	1635	rVV	233279	179688	11.79%	0.949%
79	11.545	1639	1642	1645	rVB2	47086	51873	3.40%	0.274%
80	11.798	1681	1685	1689	rBV	225317	238461	15.65%	1.260%
81	11.833	1689	1691	1694	rVV3	32241	37440	2.46%	0.198%
82	11.892	1698	1701	1703	rVV	52323	52865	3.47%	0.279%
83	11.921	1703	1706	1713	rVB	338363	330946	21.72%	1.748%
84	12.080	1730	1733	1735	rBV2	35897	33873	2.22%	0.179%
85	12.115	1736	1739	1745	rVB	49566	62327	4.09%	0.329%
86	12.174	1745	1749	1751	rBV3	40676	45404	2.98%	0.240%
87	12.210	1752	1755	1759	rBV2	56413	63054	4.14%	0.333%
88	12.398	1784	1787	1792	rVB2	30360	30343	1.99%	0.160%
89	12.451	1793	1796	1801	rVV3	22644	31604	2.07%	0.167%
90	12.874	1866	1868	1873	rVB3	27114	28158	1.85%	0.149%
91	12.945	1877	1880	1884	rVV	183511	173525	11.39%	0.917%
92	13.092	1902	1905	1908	rBV	70761	73508	4.82%	0.388%
93	13.221	1923	1927	1932	rVB	141016	146643	9.62%	0.775%
94	13.339	1945	1947	1950	rVB3	22753	17707	1.16%	0.094%
95	13.427	1958	1962	1968	rBV	451552	470294	30.86%	2.484%
96	14.592	2157	2160	2166	rBV3	73722	120816	7.93%	0.638%
97	14.704	2175	2179	2183	rBV	829319	932404	61.18%	4.925%
98	14.756	2185	2188	2195	rVB	174914	203530	13.36%	1.075%
99	15.386	2293	2295	2299	rVB5	32400	28886	1.90%	0.153%
100	16.345	2453	2458	2466	rBV	739274	944869	62.00%	4.991%

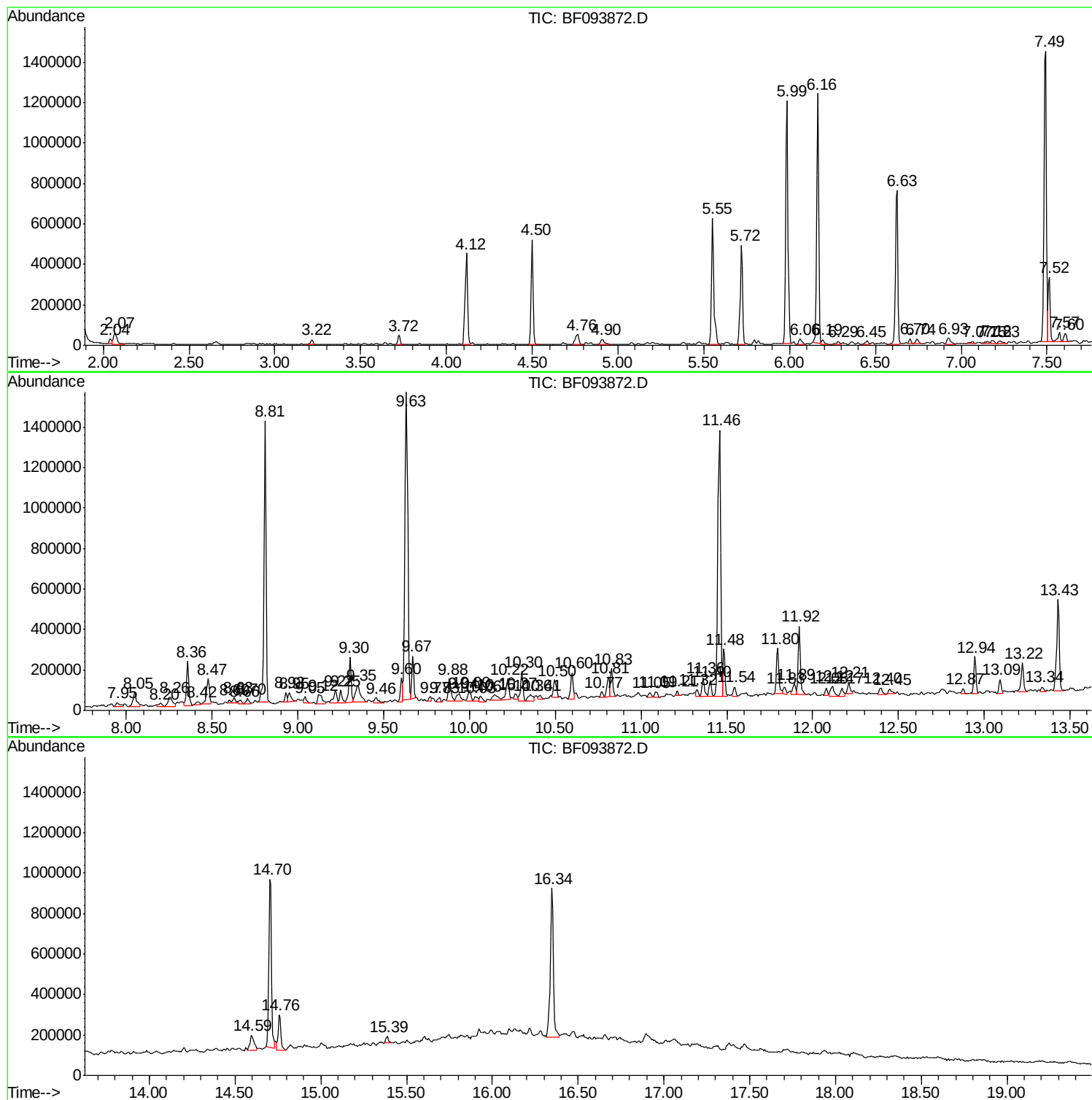
Sum of corrected areas: 18931594

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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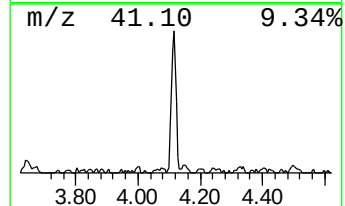
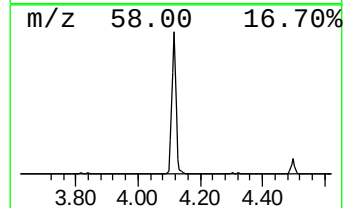
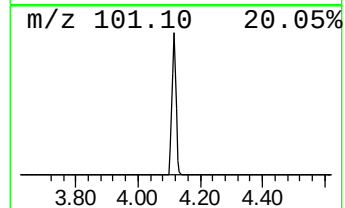
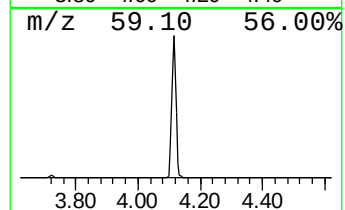
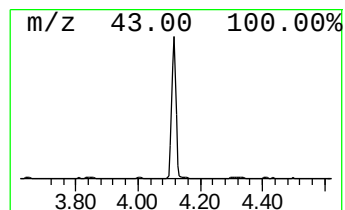
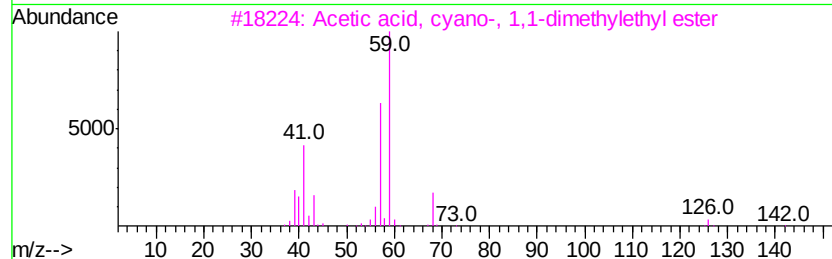
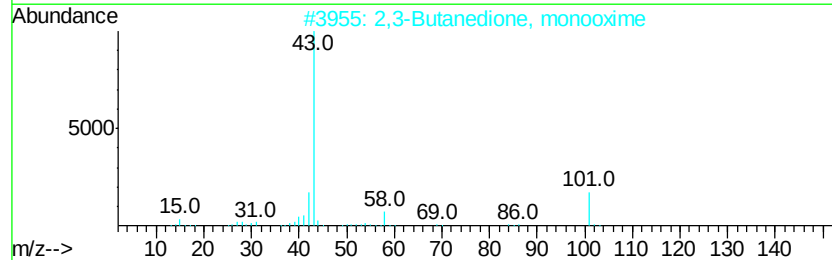
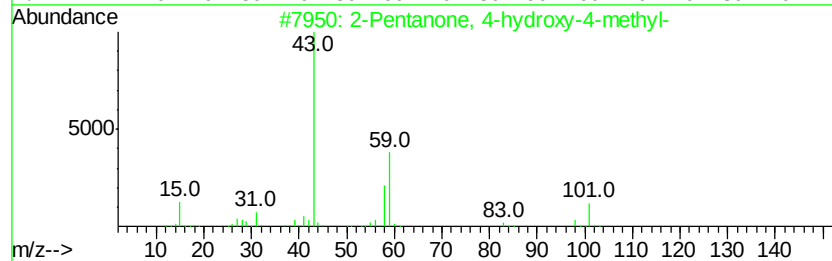
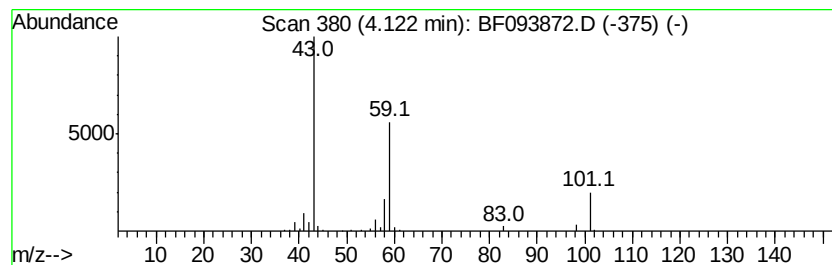
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.12	7.54 ng	413920	1,4-Dichlorobenzene-d4	5.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4			3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9
5			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9



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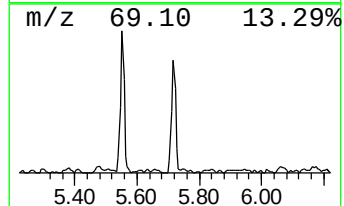
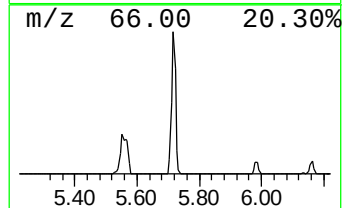
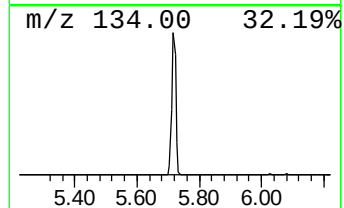
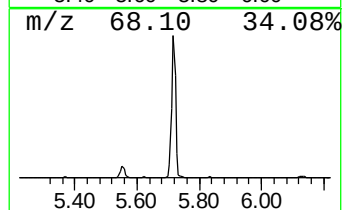
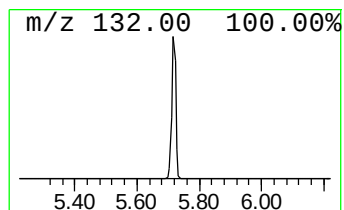
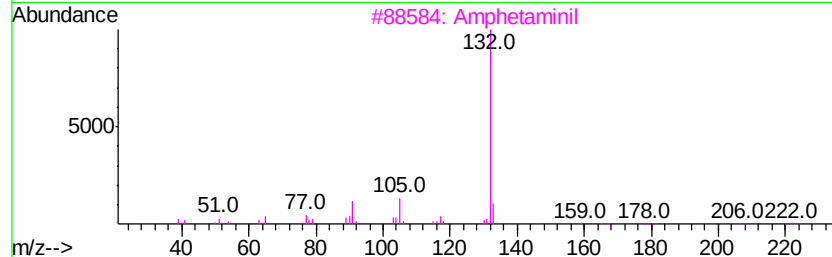
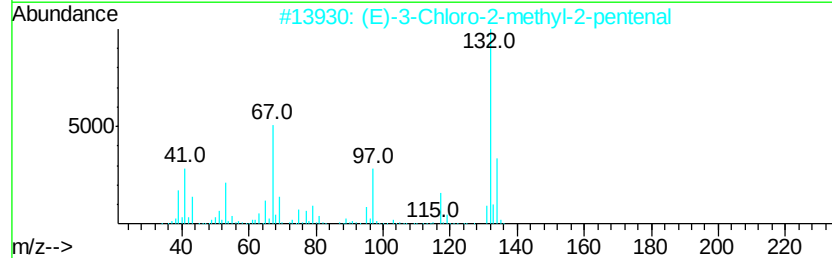
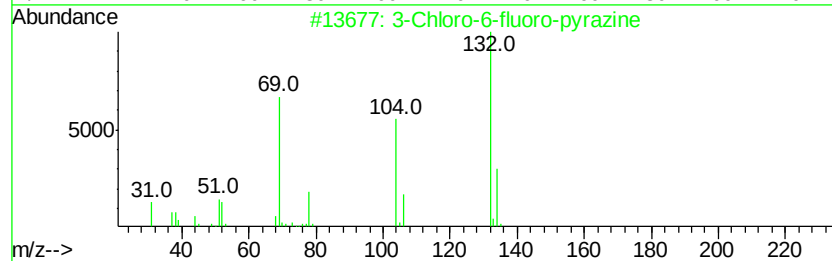
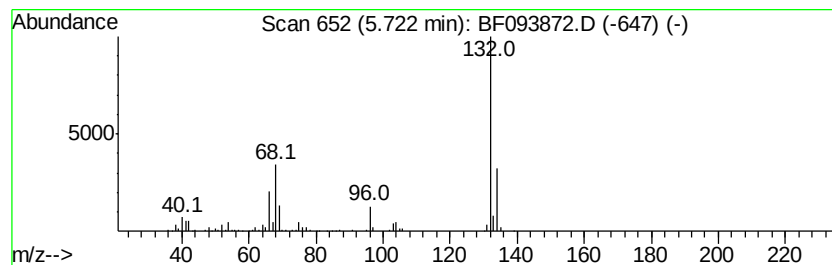
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown5.72 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.72	8.17 ng	448565	1,4-Dichlorobenzene-d4	5.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3		Amphetaminil	250	C17H18N2	017590-01-1	10
4		5-Aminoindole	132	C8H8N2	005192-03-0	10
5		1-Aminoindan	133	C9H11N	034698-41-4	9



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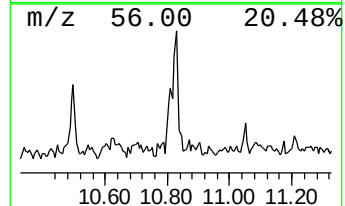
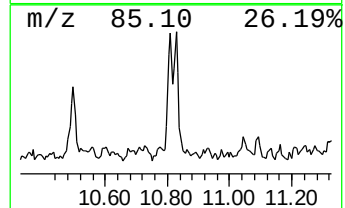
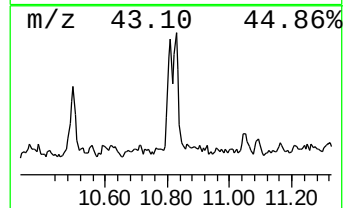
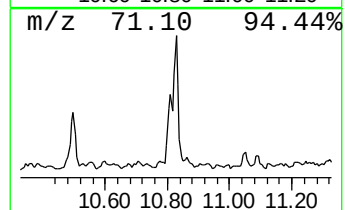
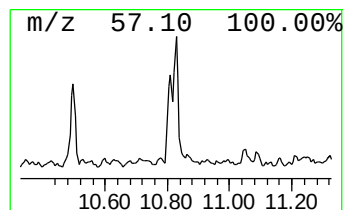
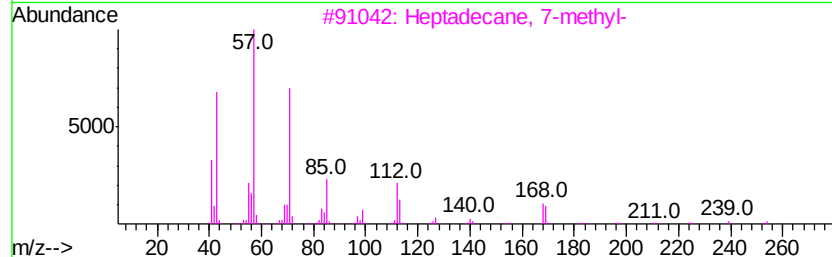
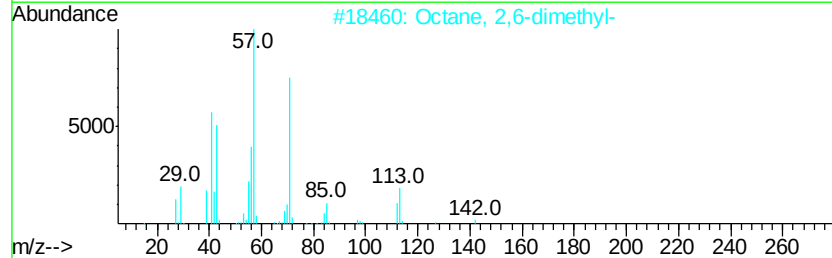
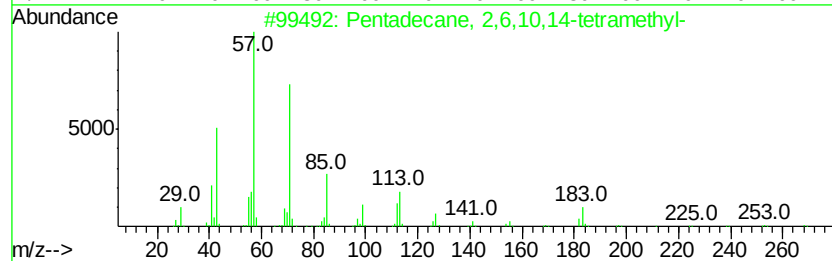
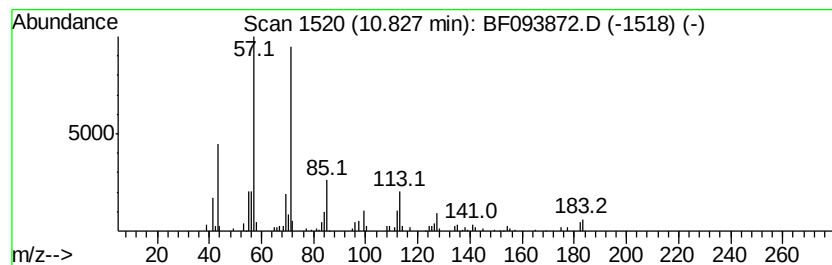
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Peak Number 4 Pentadecane, 2,6,10,14-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.83	2.04 ng	132735	Phenanthrene-d10	11.46	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	68
3	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	64
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
Data File : BF093872.D
Acq On : 23 Mar 2017 9:57
Operator : SJ/MA
Sample : I2348-04 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

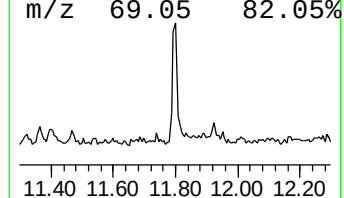
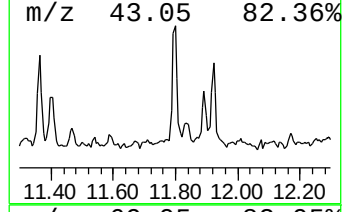
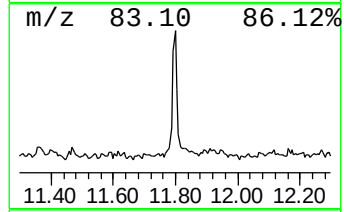
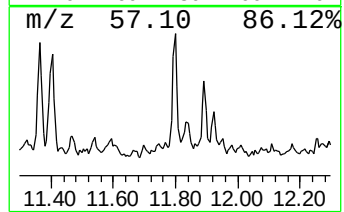
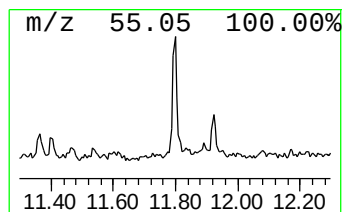
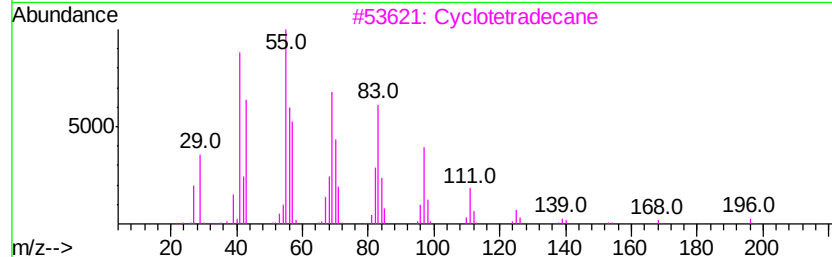
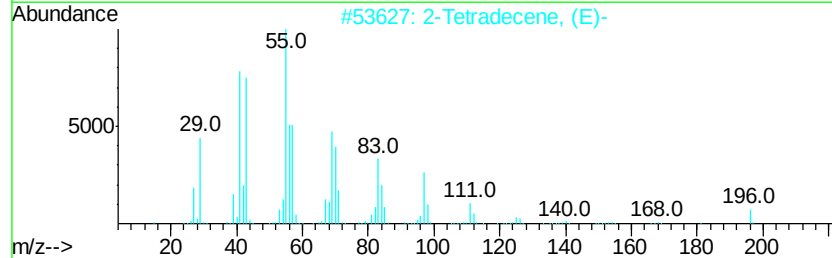
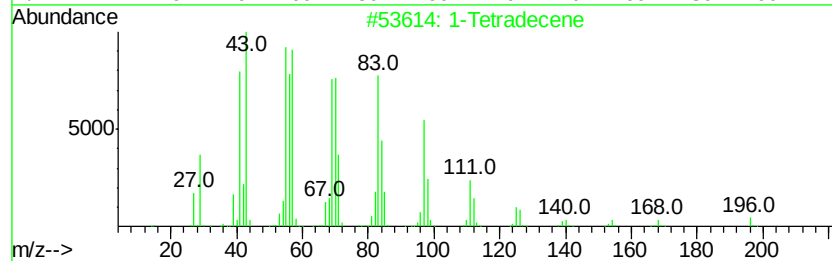
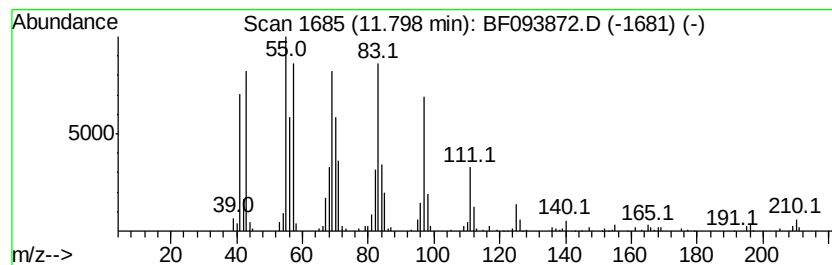
Instrument :
BNA_F
ClientSampleId :
JFC-SOIL-COMP

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Tetradecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.80	3.66 ng	238461	Phenanthrene-d10		11.46
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetradecene	196	C14H28	001120-36-1	99
2	2-Tetradecene, (E)-	196	C14H28	035953-53-8	97
3	Cyclotetradecane	196	C14H28	000295-17-0	96
4	1-Hexadecanol	242	C16H34O	036653-82-4	94
5	1-Pentadecene	210	C15H30	013360-61-7	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
Data File : BF093872.D
Acq On : 23 Mar 2017 9:57
Operator : SJ/MA
Sample : I2348-04 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

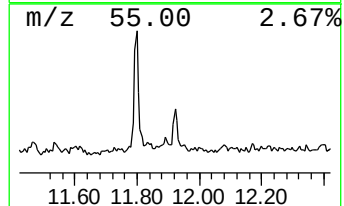
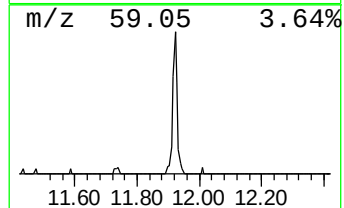
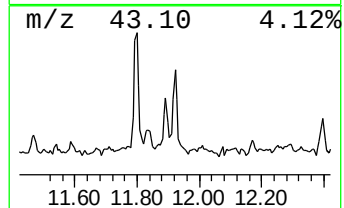
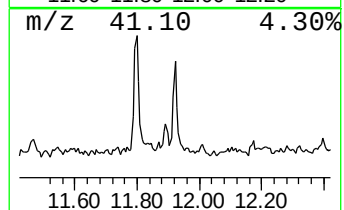
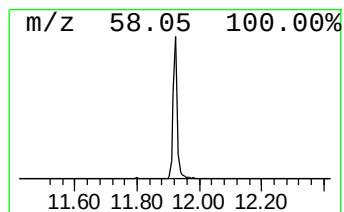
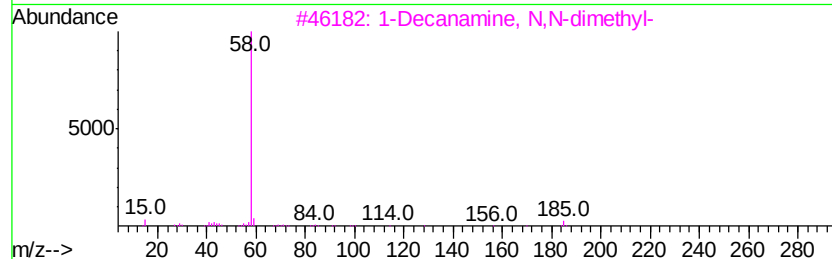
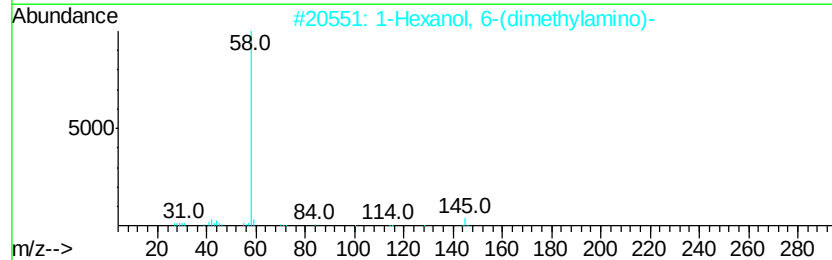
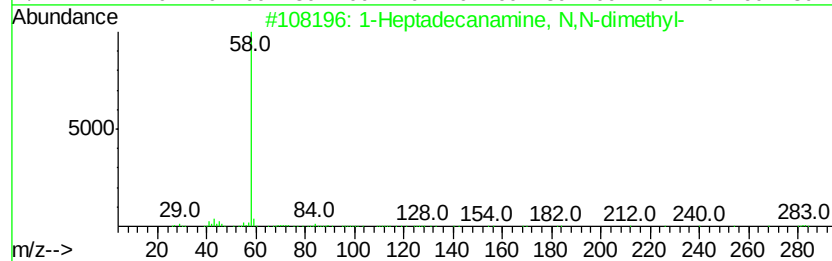
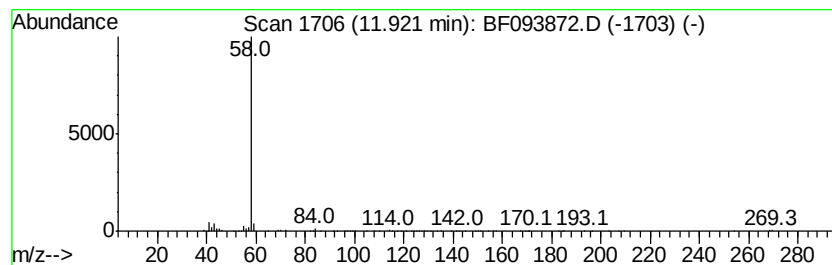
Instrument :
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ClientSampleId :
JFC-SOIL-COMP

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1-Heptadecanamine, N,N-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.92	5.08 ng	330946	Phenanthrene-d10	11.46	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecanamine, N,N-dimethyl-	283	C19H41N	003002-57-1	72
2	1-Hexanol, 6-(dimethylamino)-	145	C8H19NO	001862-07-3	72
3	1-Decanamine, N,N-dimethyl-	185	C12H27N	001120-24-7	72
4	1-Tridecanamine, N,N-dimethyl-	227	C15H33N	017373-29-4	72
5	1-Decanaminium, N,N,N-trimethyl-...	235	C13H30ClN	010108-87-9	72



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Acq On : 23 Mar 2017 9:57
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Sample : I2348-04 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JFC-SOIL-COMP

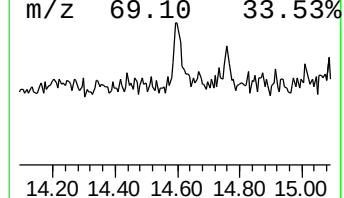
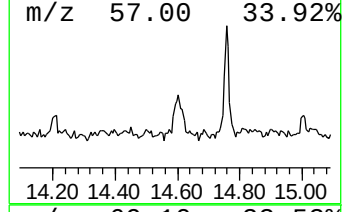
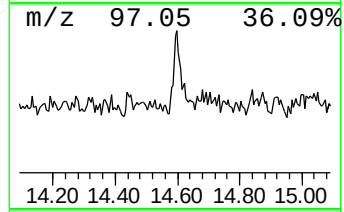
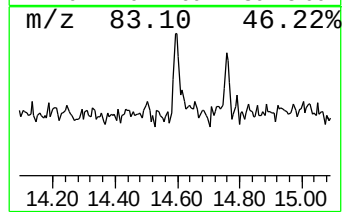
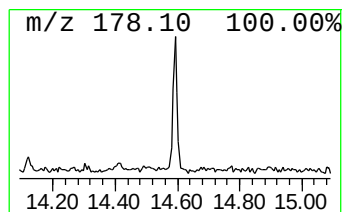
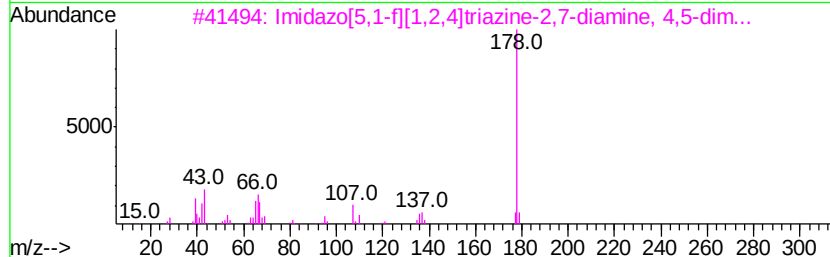
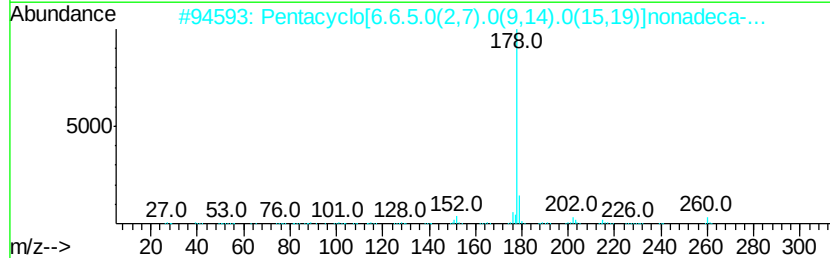
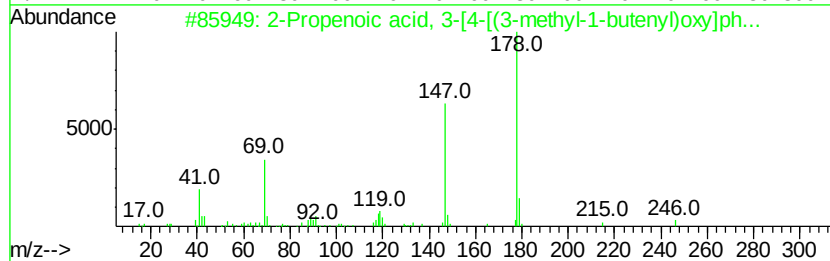
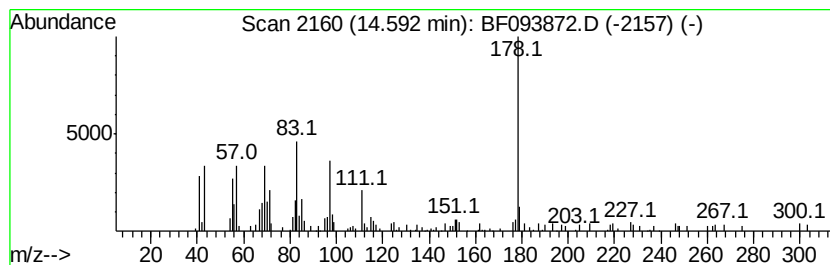
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown14.59 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	2.59 ng	120816	Chrysene-d12	14.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 3-[4-[(3-methy...	246	C15H18O3	055256-10-5	35		
2	Pentacyclo[6.6.5.0(2,7).0(9,14)....	260	C19H16O	111272-10-7	30		
3	Imidazo[5,1-f][1,2,4]triazine-2,...	178	C7H10N6	050473-86-4	30		
4	Phenanthrene	178	C14H10	000085-01-8	27		
5	Diphenylethyne	178	C14H10	000501-65-5	27		



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Sample : I2348-04 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JFC-SOIL-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.12	7.5	ng	413920	1	5.99	1097980	20.0
unknown5.72	5.72	8.2	ng	448565	1	5.99	1097980	20.0
Pentadecane, 2,6,...	10.83	2.0	ng	132735	4	11.46	1302060	20.0
1-Tetradecene	11.80	3.7	ng	238461	4	11.46	1302060	20.0
1-Heptadecanamine...	11.92	5.1	ng	330946	4	11.46	1302060	20.0
unknown14.59	14.59	2.6	ng	120816	5	14.70	932404	20.0