

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094221.D
 Acq On : 6 Apr 2017 11:57
 Operator : SJ/MA
 Sample : I2511-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-CONCRETE-NE

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	3.445	261	265	270	rBV	1313242	1319991	29.71%	3.363%
2	3.992	352	358	361	rBV	1494568	1756819	39.54%	4.476%
3	4.387	420	425	428	rBV	2513189	2273068	51.16%	5.791%
4	5.457	601	607	610	rBV	2991785	3361111	75.64%	8.563%
5	5.598	626	631	634	rBV	2773901	2905422	65.39%	7.402%
6	5.851	670	674	678	rBV	1048394	926599	20.85%	2.361%
7	6.028	699	704	708	rBV	2819499	2883856	64.90%	7.347%
8	6.498	778	784	787	rBV	2084397	2400049	54.02%	6.115%
9	7.351	924	929	932	rBV	1333350	1316208	29.62%	3.353%
10	7.375	932	933	937	rVB	184254	130178	2.93%	0.332%
11	8.680	1147	1155	1158	rBV	3890950	4443299	100.00%	11.321%
12	8.816	1175	1178	1183	rVB	62026	58338	1.31%	0.149%
13	9.169	1234	1238	1242	rBV	215254	216282	4.87%	0.551%
14	9.216	1242	1246	1253	rVB3	41416	77905	1.75%	0.198%
15	9.492	1285	1293	1297	rBV2	1450422	1585526	35.68%	4.040%
16	9.527	1297	1299	1302	rVB	79010	73401	1.65%	0.187%
17	9.745	1332	1336	1341	rBV3	75541	103922	2.34%	0.265%
18	9.804	1341	1346	1349	rVV3	38359	47703	1.07%	0.122%
19	10.086	1388	1394	1399	rBV	171579	180046	4.05%	0.459%
20	10.163	1404	1407	1411	rVB	100641	96863	2.18%	0.247%
21	10.363	1436	1441	1444	rBV2	71136	83065	1.87%	0.212%
22	10.463	1453	1458	1464	rBV	1104469	1129979	25.43%	2.879%
23	10.668	1490	1493	1496	rBV	176197	218999	4.93%	0.558%
24	11.227	1584	1588	1591	rBV	103920	105257	2.37%	0.268%
25	11.263	1591	1594	1598	rVB2	49644	56017	1.26%	0.143%
26	11.316	1598	1603	1605	rBV	1458685	1468774	33.06%	3.742%
27	11.339	1605	1607	1611	rVV	343684	328013	7.38%	0.836%
28	11.404	1615	1618	1621	rVB	54258	49268	1.11%	0.126%
29	11.751	1675	1677	1682	rVB	59942	60274	1.36%	0.154%
30	11.810	1682	1687	1694	rVB3	74109	124839	2.81%	0.318%
31	11.939	1705	1709	1711	rBV	49278	49680	1.12%	0.127%
32	11.968	1711	1714	1720	rVB	65069	72048	1.62%	0.184%
33	12.063	1725	1730	1734	rVV2	102554	133985	3.02%	0.341%
34	12.257	1759	1763	1768	rVB	54925	59949	1.35%	0.153%

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35	12.504	1800	1805	1808	rBV	89639	100568	2.26%	0.256%
36	12.615	1820	1824	1827	rBV3	33230	46823	1.05%	0.119%
37	12.804	1851	1856	1860	rBV	337540	344172	7.75%	0.877%
38	13.074	1898	1902	1906	rBV	288908	332370	7.48%	0.847%
39	13.192	1917	1922	1925	rBV3	44497	65911	1.48%	0.168%
40	13.298	1933	1940	1943	rBV	3631278	4348271	97.86%	11.078%
41	13.351	1943	1949	1955	rVB6	33968	69239	1.56%	0.176%
42	13.451	1962	1966	1970	rBV5	44862	77280	1.74%	0.197%
43	13.492	1971	1973	1978	rVB	41197	46632	1.05%	0.119%
44	13.621	1991	1995	1996	rBV3	39293	47512	1.07%	0.121%
45	14.456	2133	2137	2146	rBV	259999	442194	9.95%	1.127%
46	14.562	2149	2155	2158	rVV	1350377	1507436	33.93%	3.841%
47	14.592	2158	2160	2162	rVV	109388	105972	2.38%	0.270%
48	14.615	2162	2164	2169	rVB	55256	56625	1.27%	0.144%
49	14.856	2200	2205	2212	rBV3	36734	73726	1.66%	0.188%
50	15.239	2267	2270	2278	rBV4	34149	55580	1.25%	0.142%
51	15.674	2340	2344	2348	rVB	122284	127256	2.86%	0.324%
52	15.780	2359	2362	2365	rBV	80259	96269	2.17%	0.245%
53	15.956	2389	2392	2395	rBV	50886	57770	1.30%	0.147%
54	16.068	2408	2411	2414	rBV	48550	47494	1.07%	0.121%
55	16.127	2417	2421	2424	rVV	61661	66179	1.49%	0.169%
56	16.186	2426	2431	2438	rBV	778698	917225	20.64%	2.337%
57	16.703	2516	2519	2524	rVB2	35933	47726	1.07%	0.122%
58	16.762	2525	2529	2533	rBV5	46046	72905	1.64%	0.186%

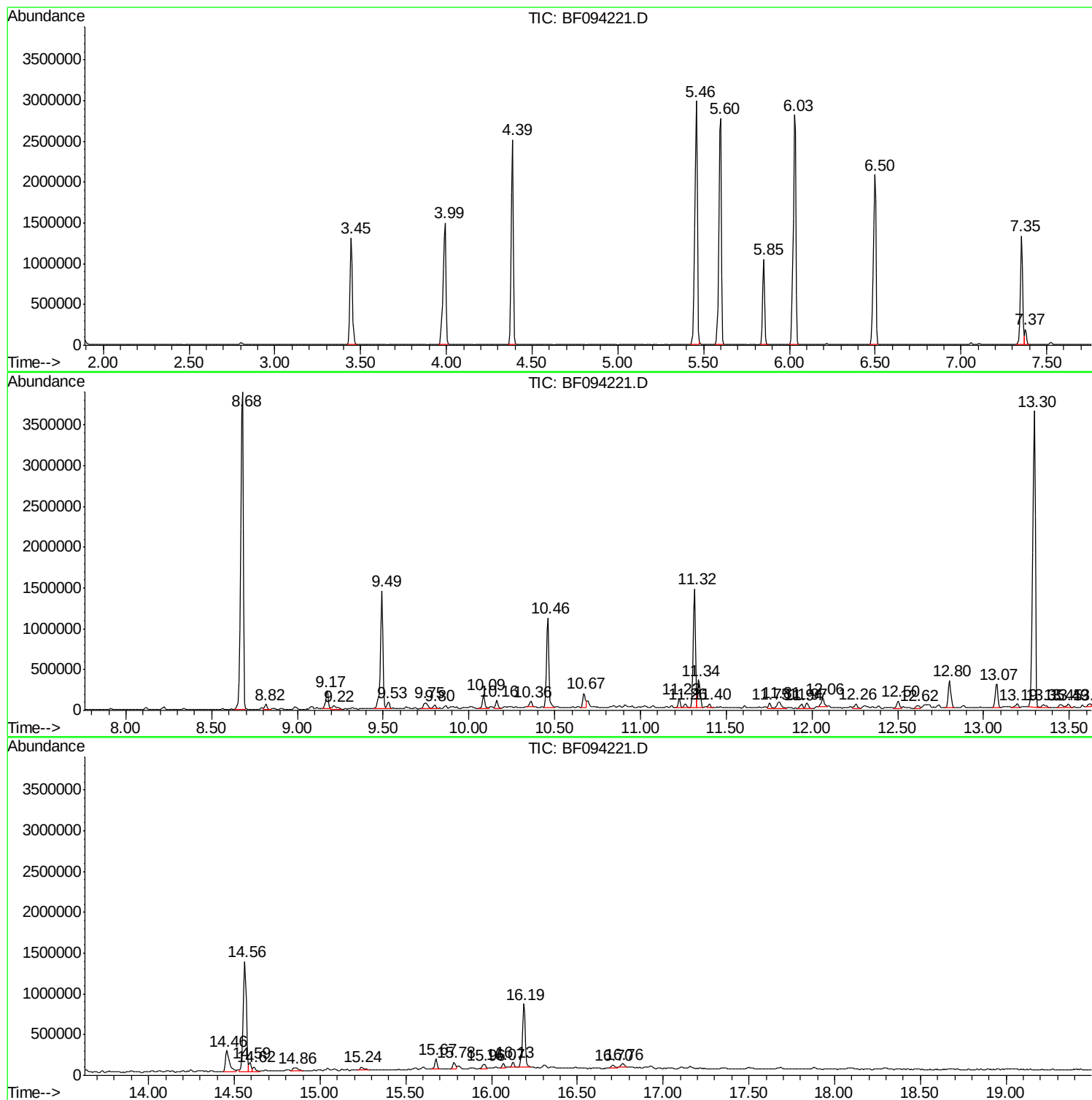
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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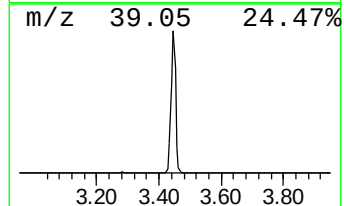
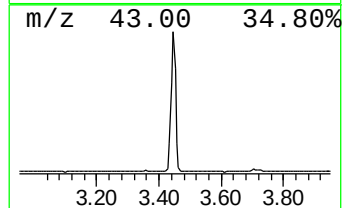
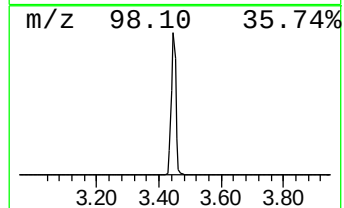
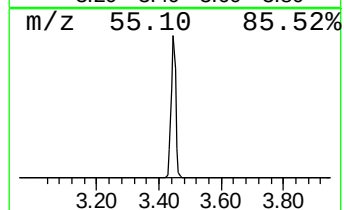
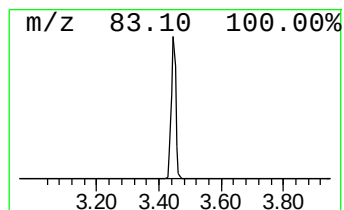
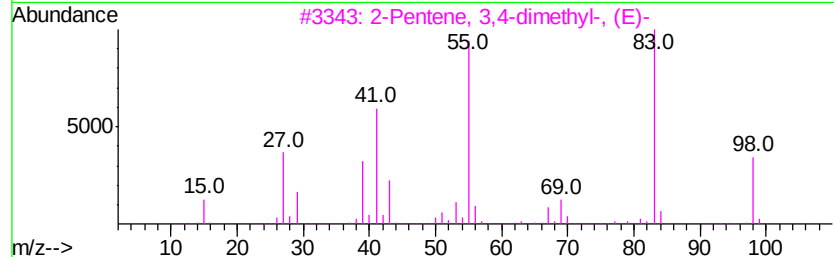
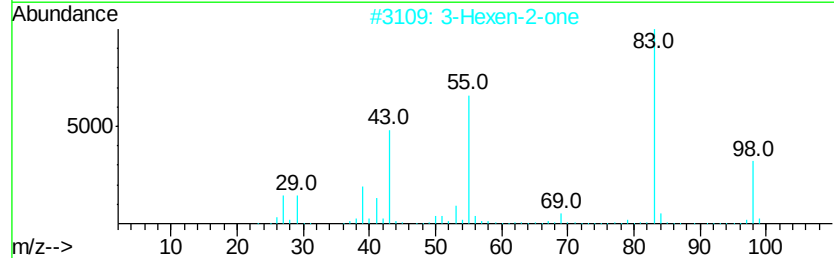
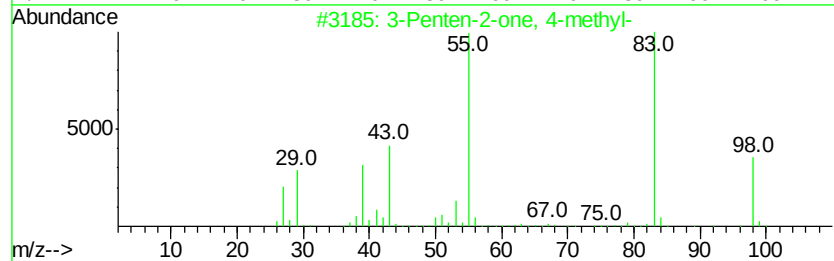
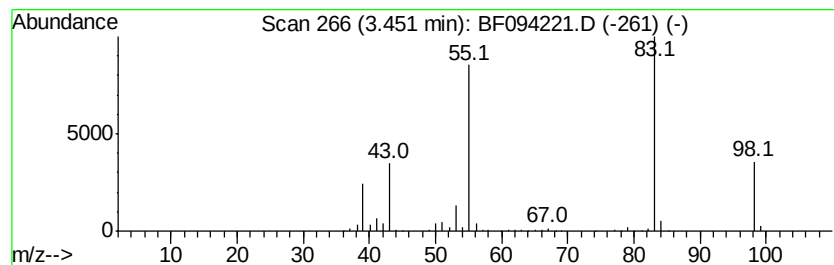
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.45	28.49 ng	1319990	1,4-Dichlorobenzene-d4	5.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2		3-Hexen-2-one	98	C6H10O	000763-93-9	90
3		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4		2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5		2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86



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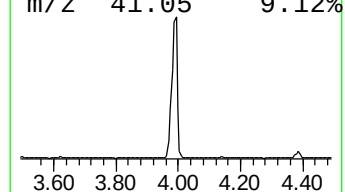
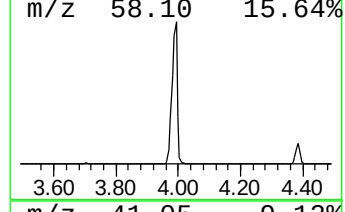
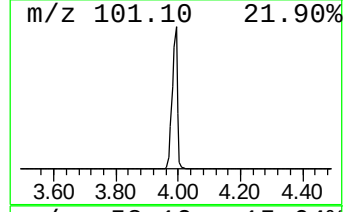
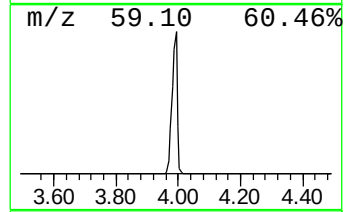
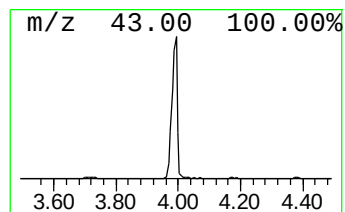
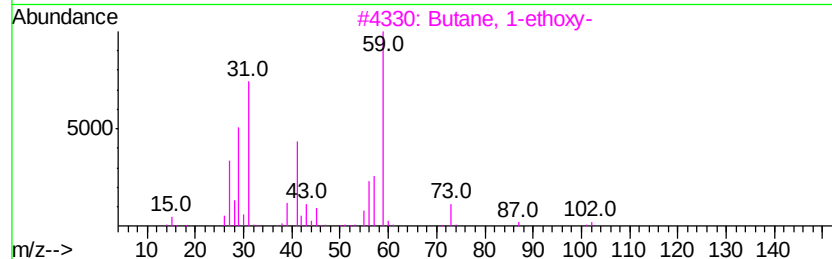
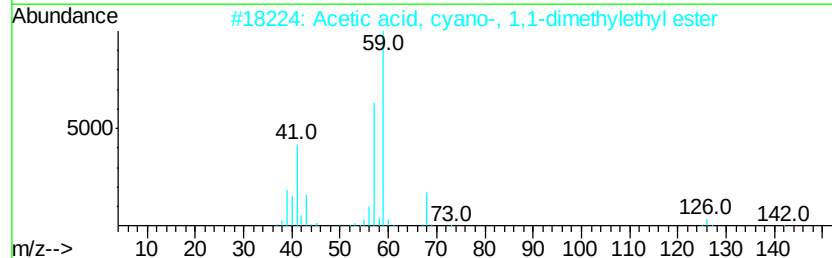
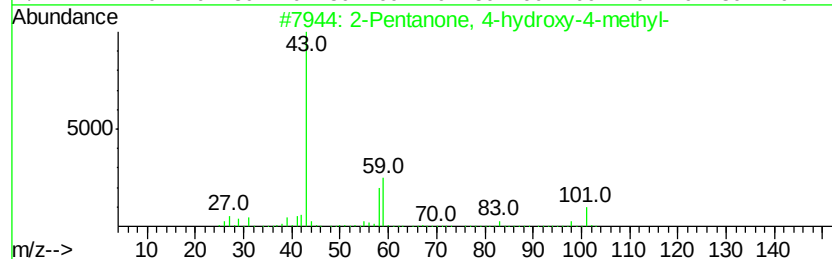
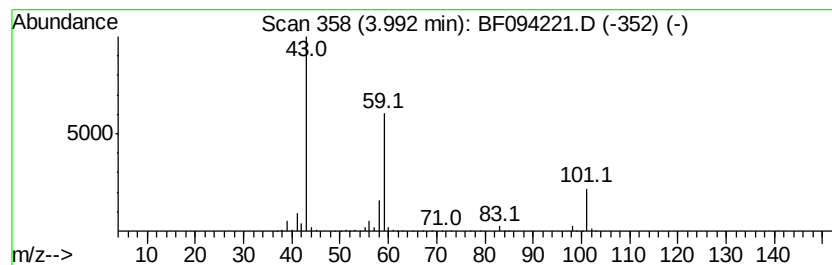
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.99	37.92 ng	1756820	1,4-Dichlorobenzene-d4	5.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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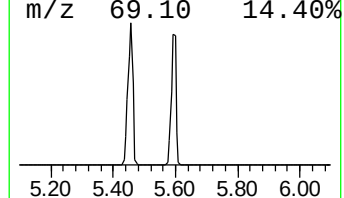
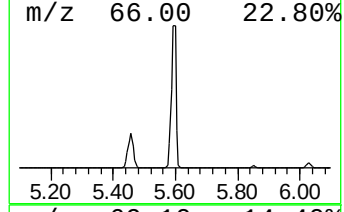
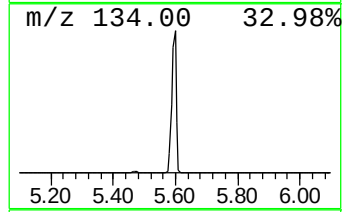
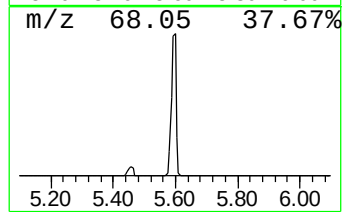
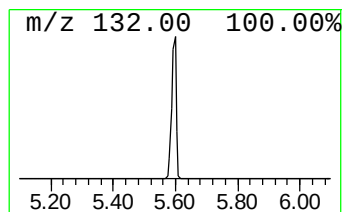
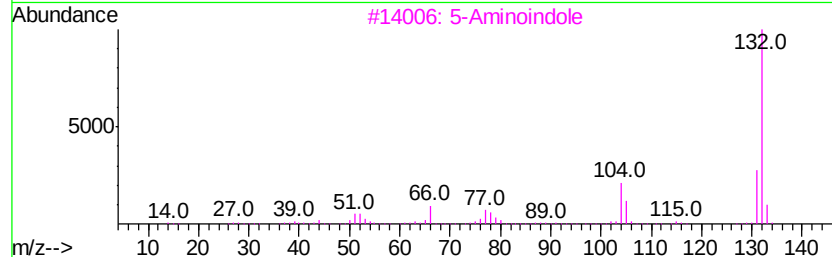
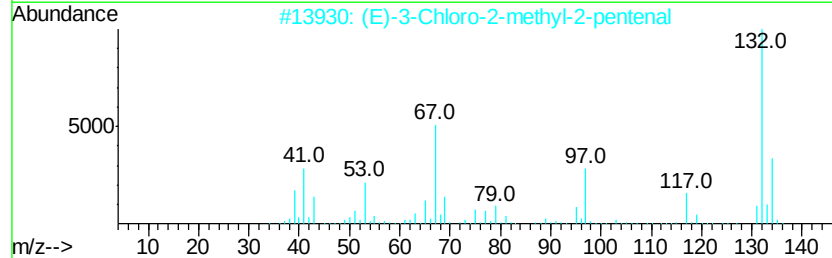
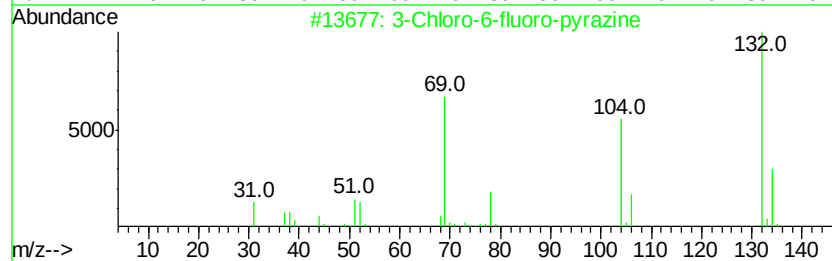
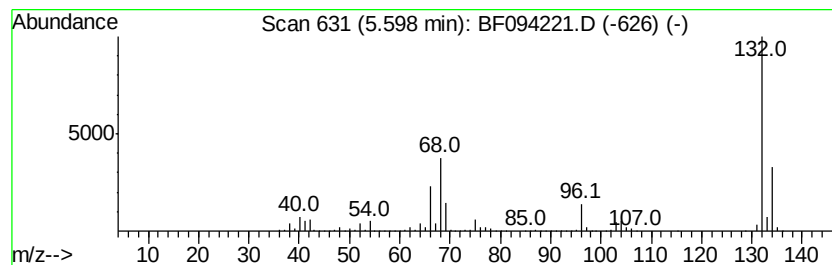
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown5.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	62.71 ng	2905420	1,4-Dichlorobenzene-d4	5.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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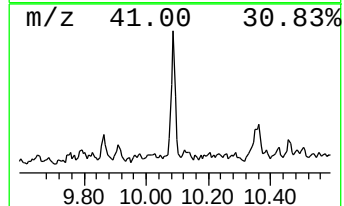
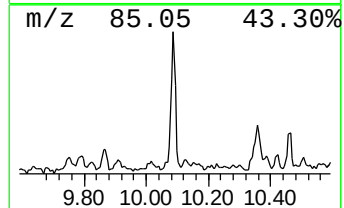
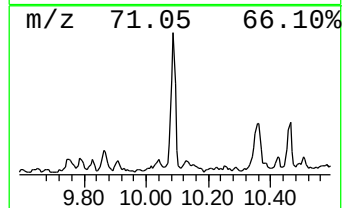
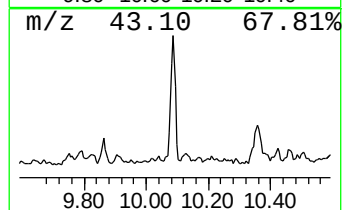
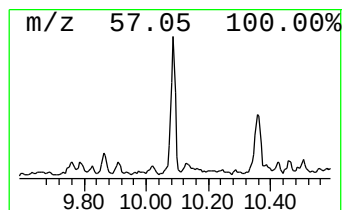
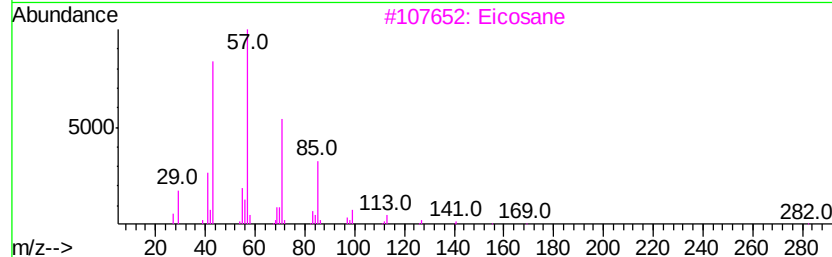
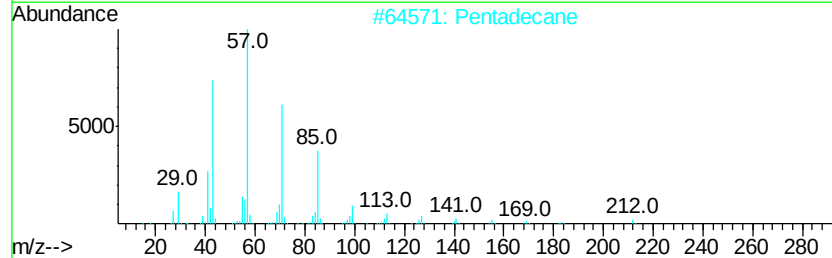
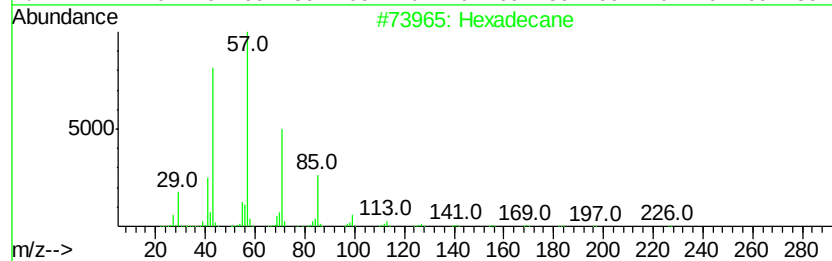
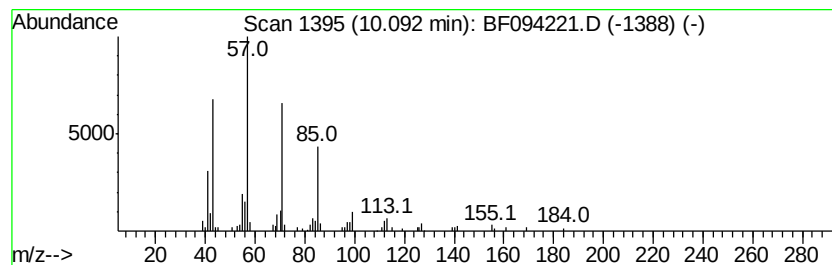
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Peak Number 5 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	2.27 ng	180046	Acenaphthene-d10	9.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	90
2	Pentadecane	212 C15H32	000629-62-9	86
3	Eicosane	282 C20H42	000112-95-8	83
4	Heptadecane	240 C17H36	000629-78-7	83
5	Nonane, 5-butyl-	184 C13H28	017312-63-9	81



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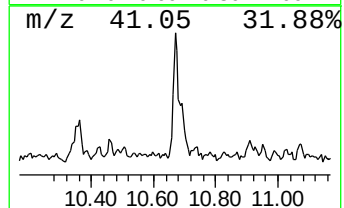
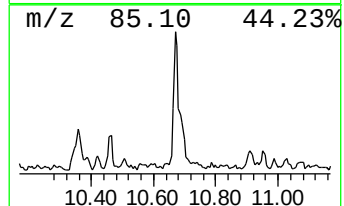
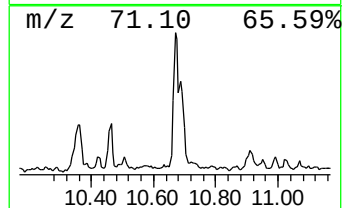
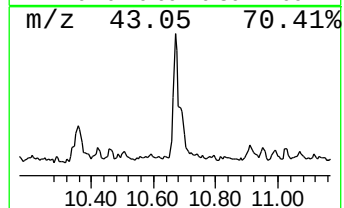
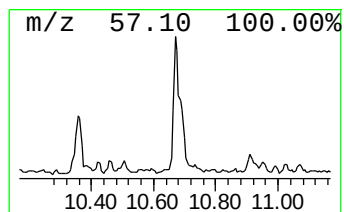
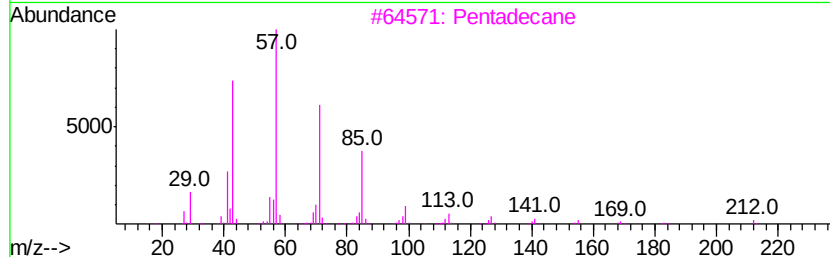
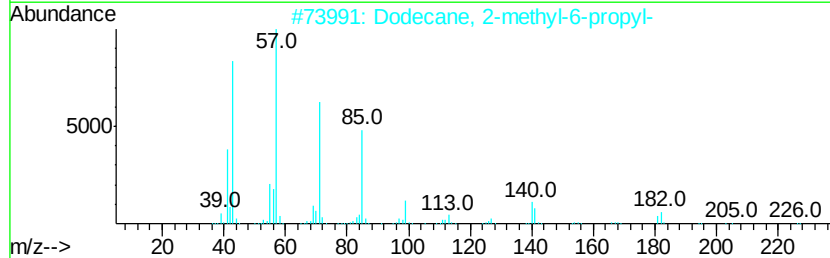
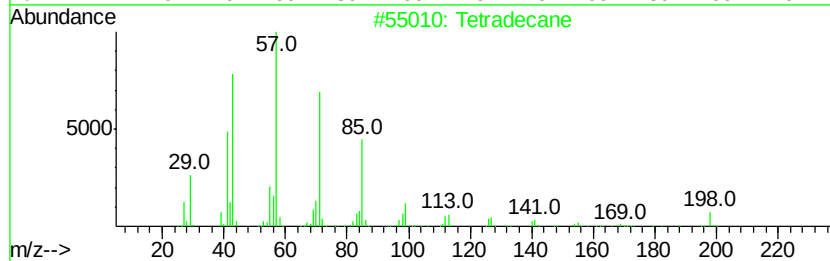
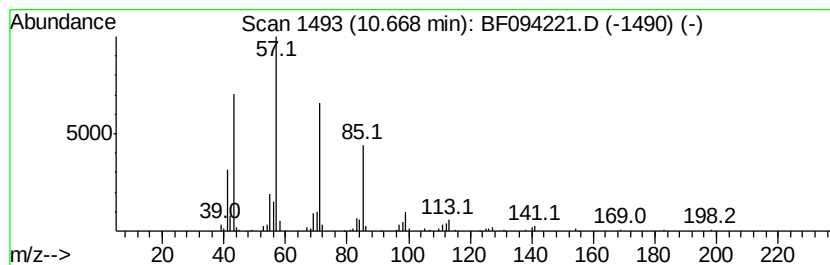
Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-NE

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 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	2.98 ng	218999	Phenanthrene-d10	11.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 91
2		Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4 90
3		Pentadecane	212 C15H32	000629-62-9 86
4		Dodecane, 2-methyl-	184 C13H28	001560-97-0 86
5		Heptadecane, 8-methyl-	254 C18H38	013287-23-5 86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
Data File : BF094221.D
Acq On : 6 Apr 2017 11:57
Operator : SJ/MA
Sample : I2511-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

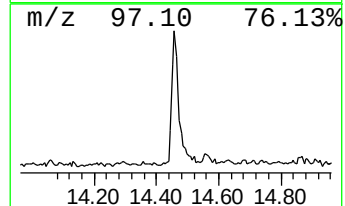
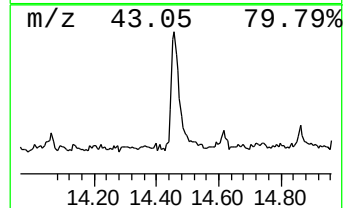
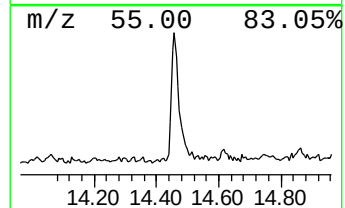
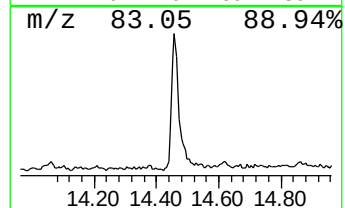
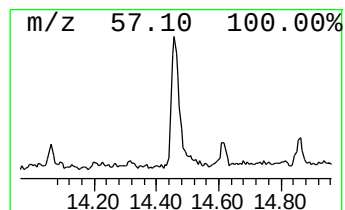
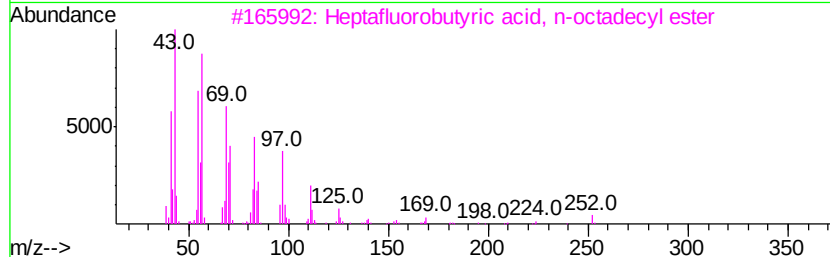
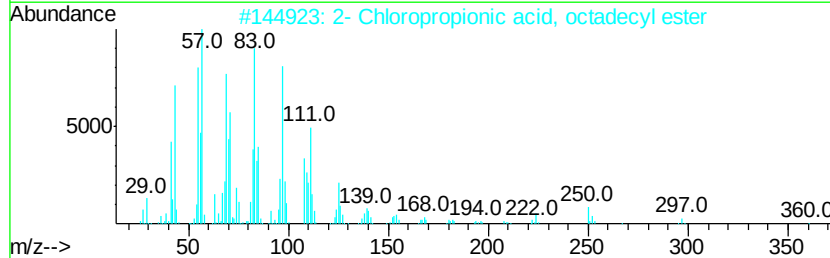
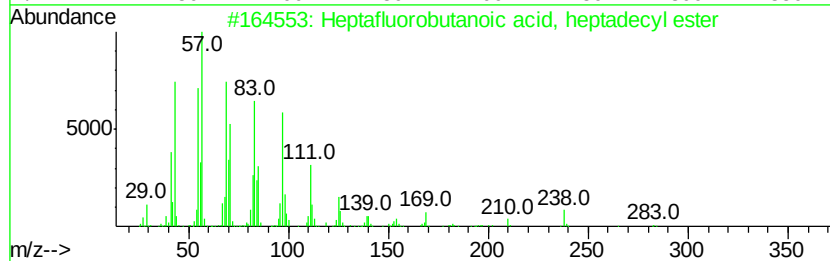
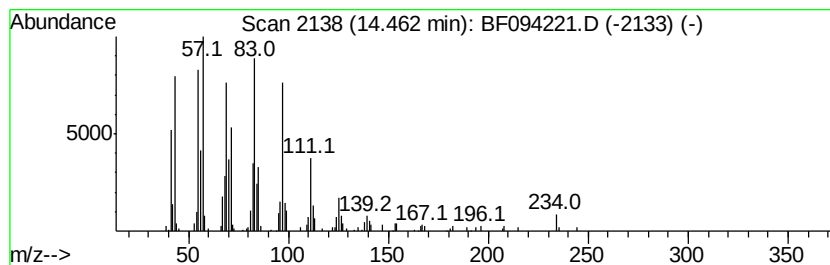
Instrument :
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ClientSampleId :
E2-CONCRETE-NE

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 Heptafluorobutanoic acid, h... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.46	5.87 ng	442194	Chrysene-d12	14.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
2		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
3		Heptafluorobutvric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4		1-Nonadecene	266	C19H38	018435-45-5	91
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040617\
 Data File : BF094221.D
 Acq On : 6 Apr 2017 11:57
 Operator : SJ/MA
 Sample : I2511-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

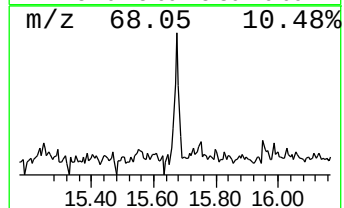
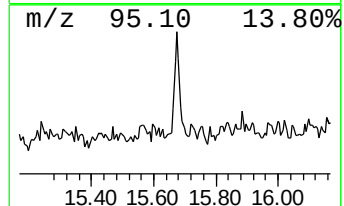
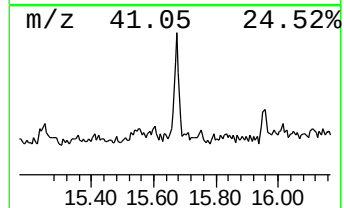
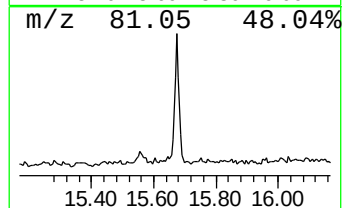
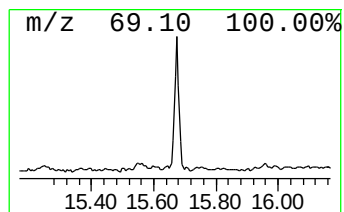
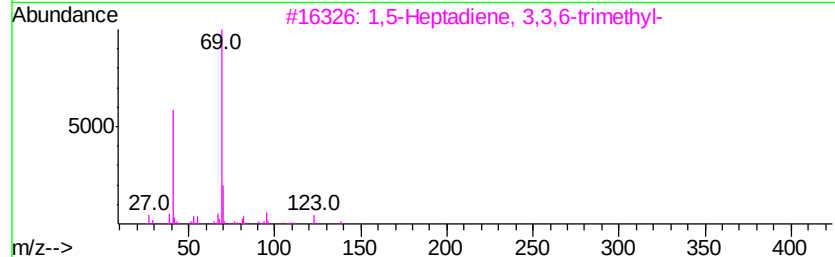
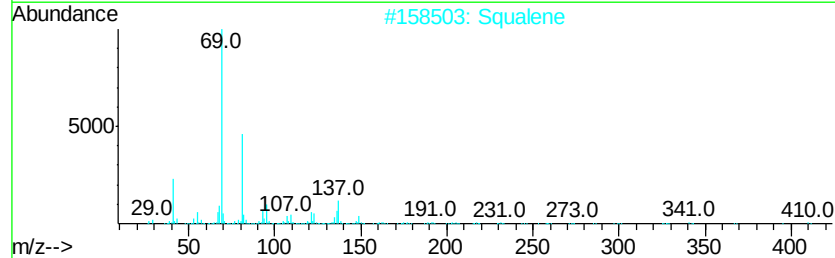
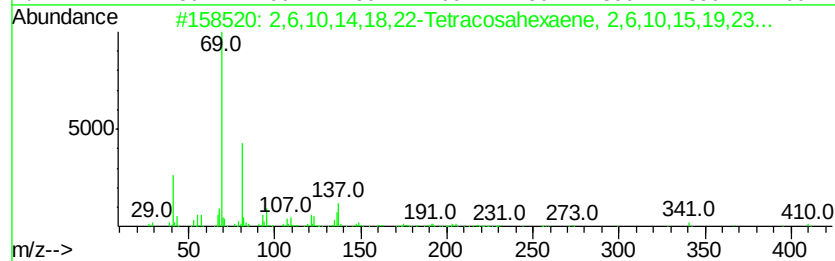
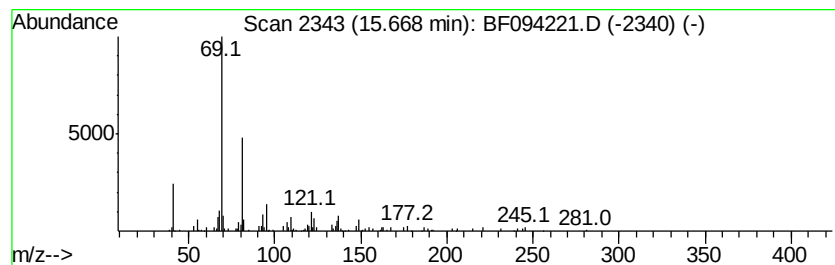
Instrument :
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 ClientSampleId :
 E2-CONCRETE-NE

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 8 2,6,10,14,18,22-Tetracosahexaene... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	2.77 ng	127256	Perylene-d12	16.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	86
2	Squalene	410 C30H50	007683-64-9	86
3	1,5-Heptadiene, 3,3,6-trimethyl-	138 C10H18	035387-63-4	52
4	1,5-Heptadiene, 2,6-dimethyl-	124 C9H16	006709-39-3	47
5	1,4-Hexadiene, 3,3,5-trimethyl-	124 C9H16	074753-00-7	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040617\
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Acq On : 6 Apr 2017 11:57
Operator : SJ/MA
Sample : I2511-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-NE

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
3-Penten-2-one, 4...	3.45	28.5	ng	1319990	1	5.85	926599	20.0
2-Pentanone, 4-hy...	3.99	37.9	ng	1756820	1	5.85	926599	20.0
unknown5.60	5.60	62.7	ng	2905420	1	5.85	926599	20.0
Hexadecane	10.09	2.3	ng	180046	3	9.49	1585530	20.0
Tetradecane	10.67	3.0	ng	218999	4	11.32	1468770	20.0
Heptafluorobutano...	14.46	5.9	ng	442194	5	14.56	1507440	20.0
2,6,10,14,18,22-T...	15.67	2.8	ng	127256	6	16.19	917225	20.0