LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095943.D
Acq On : 15 Jun 2017 2:13
Operator : SJ/MA
Sample : I3664-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ONSITE-001B

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-BF060517.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	3.475	318	321	332	rBV2	18840	55358	3.10%	0.367%
2	4.510	492	497	514	rBV	276813	608768	34.13%	4.031%
3	5.234	616	620	642	rBV	422671	960313	53.83%	6.358%
4	6.904	900	904	915	rBV	864418	1403210	78.66%	9.291%
5	6.992	915	919	933	rVB	1005725	1607196	90.10%	10.642%
6	7.334	973	977	990	rBV	298871	375277	21.04%	2.485%
7	7.575	1012	1018	1033	rBV	976867	1301360	72.95%	8.617%
8	8.257	1129	1134	1153	rBV	682282	961907	53.92%	6.369%
9	9.369	1318	1323	1337	rBV	361146	517203	28.99%	3.425%
10	11.145	1620	1625	1644	rVB	1462082	1783816	100.00%	11.811%
11	11.839	1738	1743	1750	rBV	167363	195099	10.94%	1.292%
12	12.186	1797	1802	1807	rBV2	409135	496731	27.85%	3.289%
13	12.233	1807	1810	1817	rVB3	41958	58795	3.30%	0.389%
14	13.045	1941	1948	1952	rBV	32572	38009	2.13%	0.252%
15	13.086	1952	1955	1964	rVB	22995	33965	1.90%	0.225%
16	13.486	2019	2023	2030	rBV	112455	172819	9.69%	1.144%
17	13.816	2075	2079	2087	rBV	32586	58830	3.30%	0.390%
18	14.545	2198	2203	2205	rBV	23462	27664	1.55%	0.183%
19	14.580	2205	2209	2212	rVV	348046	421155	23.61%	2.789%
20	14.616	2212	2215	2222	rVB	180200	237919	13.34%	1.575%
21	14.710	2228	2231	2245	rVB	38705	57659	3.23%	0.382%
22	15.027	2282	2285	2292	rBV	12645	20935	1.17%	0.139%
23	15.392	2343	2347	2351	rBV	20211	23692	1.33%	0.157%
24	15.433	2351	2354	2361	rVB	22224	28663	1.61%	0.190%
25	15.539	2369	2372	2376	rBV2	19993	26476	1.48%	0.175%
26	15.586	2377	2380	2387	rVB4	13754	23890	1.34%	0.158%
27	15.839	2419	2423	2429	rVB2	18359	28441	1.59%	0.188%
28	16.398	2512	2518	2525	rBV	230750	299973	16.82%	1.986%
29	16.704	2565	2570	2576	rBV	257263	290623	16.29%	1.924%
30	16.815	2585	2589	2594	rVB4	16203	22850	1.28%	0.151%
31	16.898	2597	2603	2608	rBV3	17489	34874	1.96%	0.231%
32	16.957	2608	2613	2618	rVB	1125031	1259817	70.62%	8.342%
33	17.027	2620	2625	2630	rBV7	10246	19190	1.08%	0.127%
34	17.151	2642	2646	2648	rBV4	12998	19887	1.11%	0.132%

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Misc :
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Instrument : BNA_F
ClientSampleId : ONSITE-001B

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-BF060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.180	2648	2651	2657	rVB	26722	29975	1.68%	0.198%
36	17.262	2661	2665	2670	rVB	21194	28632	1.61%	0.190%
37	17.315	2670	2674	2679	rBV2	23899	44313	2.48%	0.293%
38	17.362	2679	2682	2685	rVV2	15803	18673	1.05%	0.124%
39	17.621	2723	2726	2731	rBV	22846	27159	1.52%	0.180%
40	17.809	2755	2758	2761	rBV2	18596	21441	1.20%	0.142%
41	17.980	2783	2787	2790	rBV3	14406	20159	1.13%	0.133%
42	18.009	2790	2792	2796	rVB4	18711	19595	1.10%	0.130%
43	18.215	2823	2827	2836	rVB3	84812	153489	8.60%	1.016%
44	18.298	2836	2841	2845	rBV2	410434	541263	30.34%	3.584%
45	18.333	2845	2847	2850	rVB	42558	45709	2.56%	0.303%
46	18.427	2860	2863	2867	rVB4	19872	26900	1.51%	0.178%
47	18.633	2894	2898	2904	rVB4	30705	47911	2.69%	0.317%
48	18.968	2951	2955	2956	rBV4	13242	19219	1.08%	0.127%
49	19.015	2961	2963	2967	rVB	20600	21544	1.21%	0.143%
50	19.380	3022	3025	3028	rBV3	21856	24754	1.39%	0.164%
51	19.574	3054	3058	3061	rBV	82120	108738	6.10%	0.720%
52	19.862	3104	3107	3111	rBV	40126	38184	2.14%	0.253%
53	19.921	3114	3117	3120	rVV	69001	71784	4.02%	0.475%
54	19.974	3122	3126	3135	rVB	236619	321108	18.00%	2.126%

Sum of corrected areas: 15102914

LSC Report - Integrated Chromatogram

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Data File : BF095943.D
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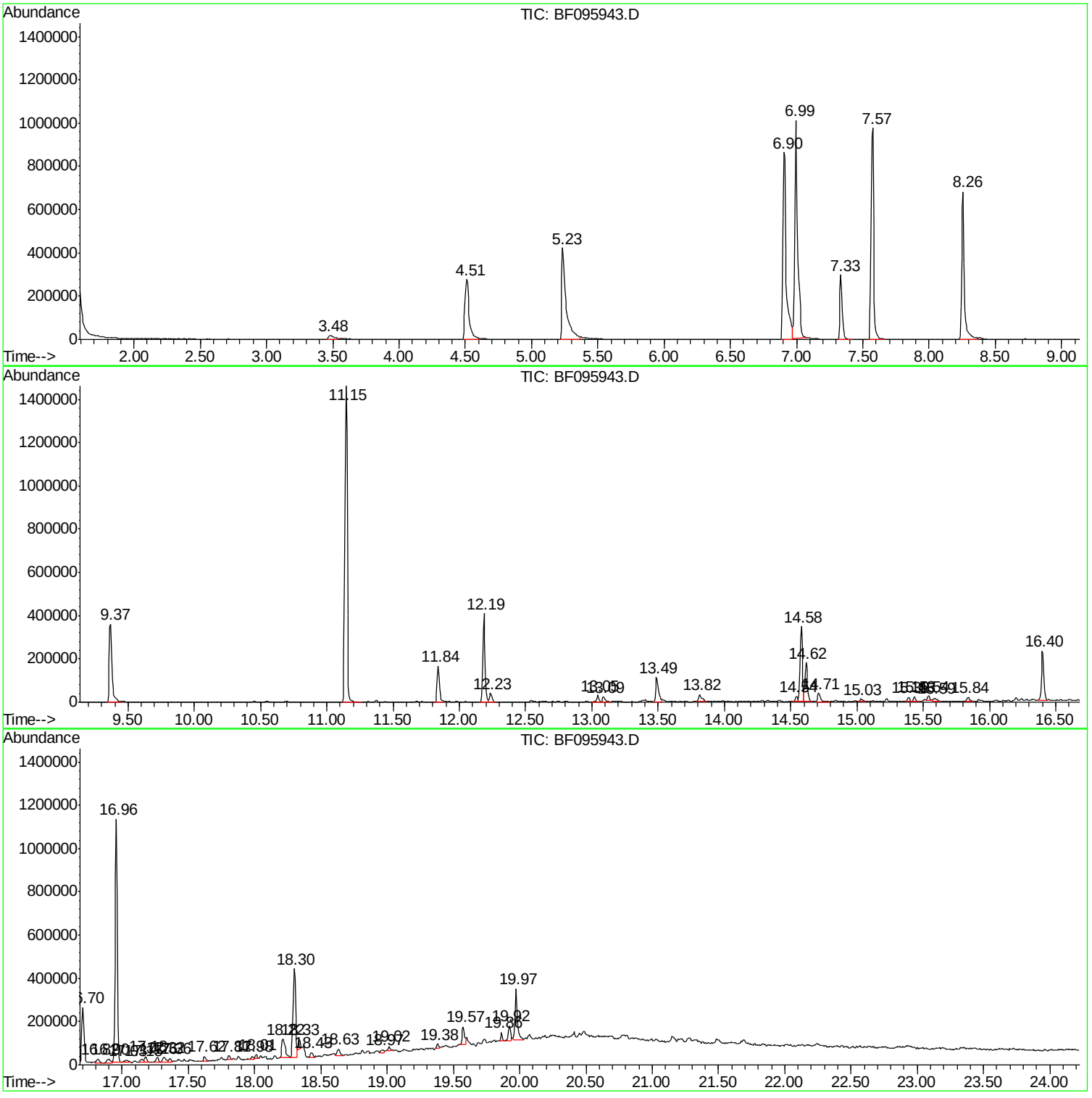
Operator : SJ/MA
Sample : I3664-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ONSITE-001B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095943.D
Acq On : 15 Jun 2017 2:13
Operator : SJ/MA
Sample : I3664-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ONSITE-001B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

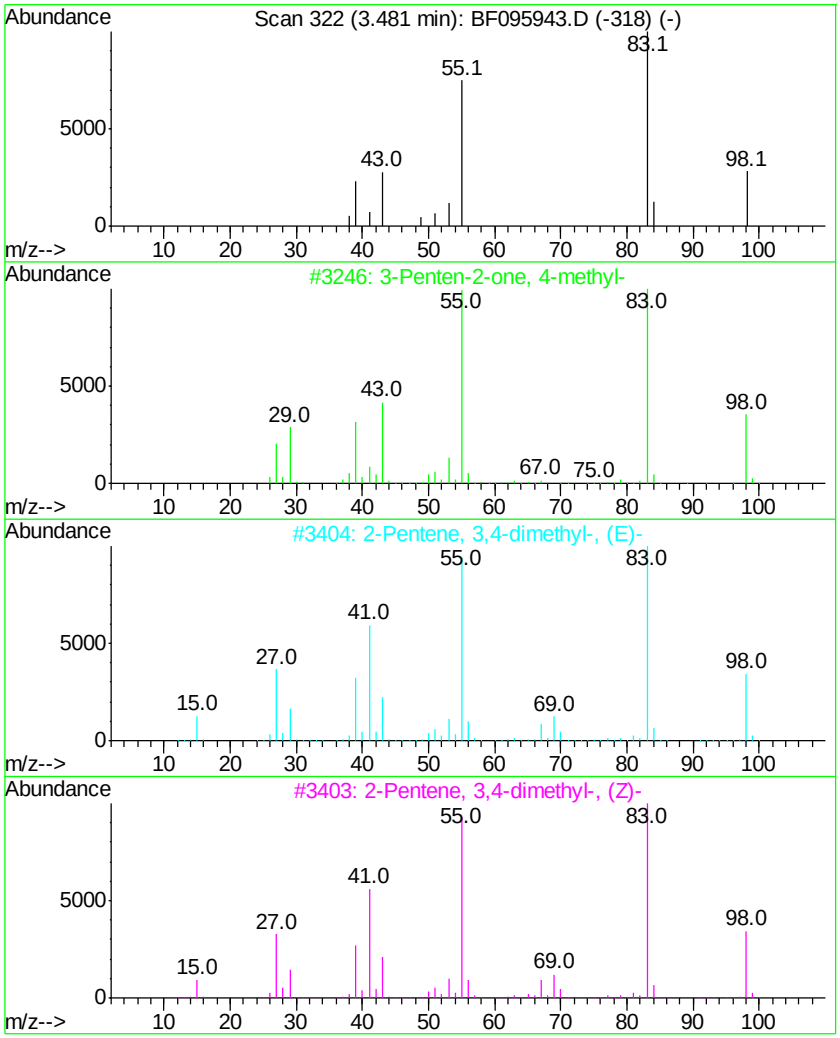
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

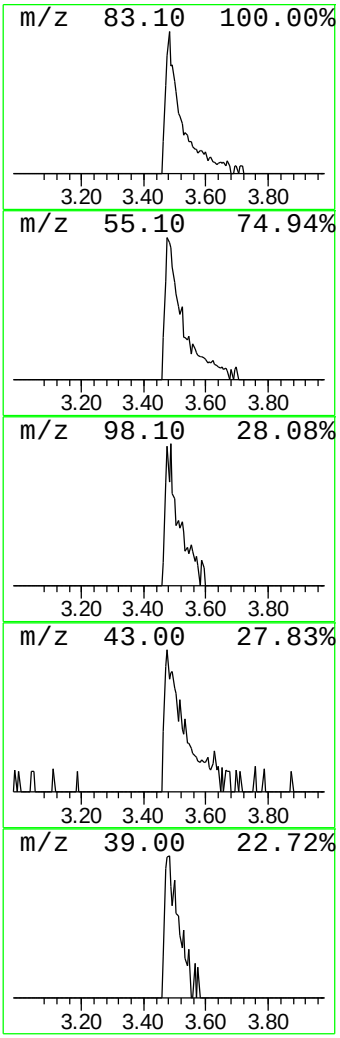
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.48	2.95 ng	55358	1,4-Dichlorobenzene-d4	7.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
2	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	78
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	78
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	25
5	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	12





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Data File : BF095943.D
Acq On : 15 Jun 2017 2:13
Operator : SJ/MA
Sample : I3664-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ONSITE-001B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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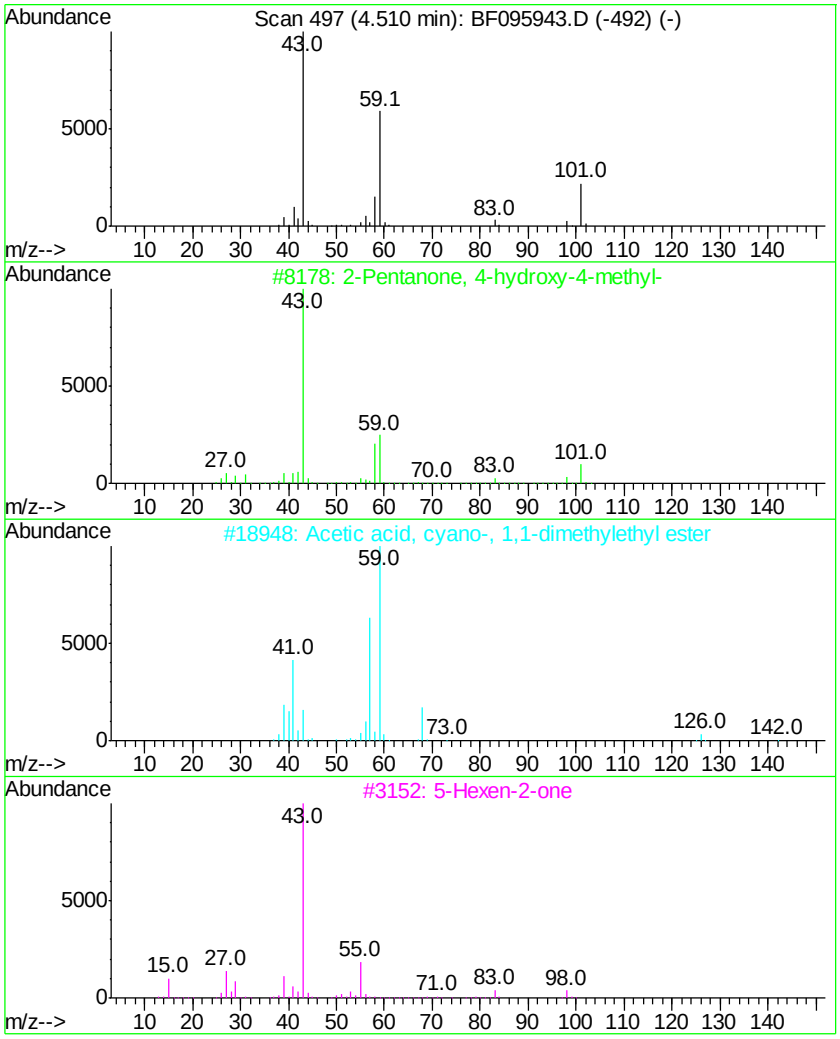
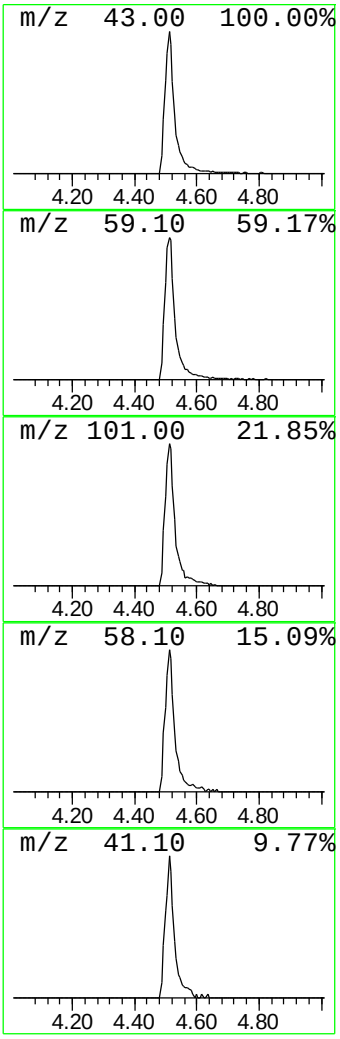
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.51	32.44 ng	608768	1,4-Dichlorobenzene-d4	7.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Operator : SJ/MA
Sample : I3664-03
Misc :
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Instrument : BNA_F
ClientSampleId : ONSITE-001B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
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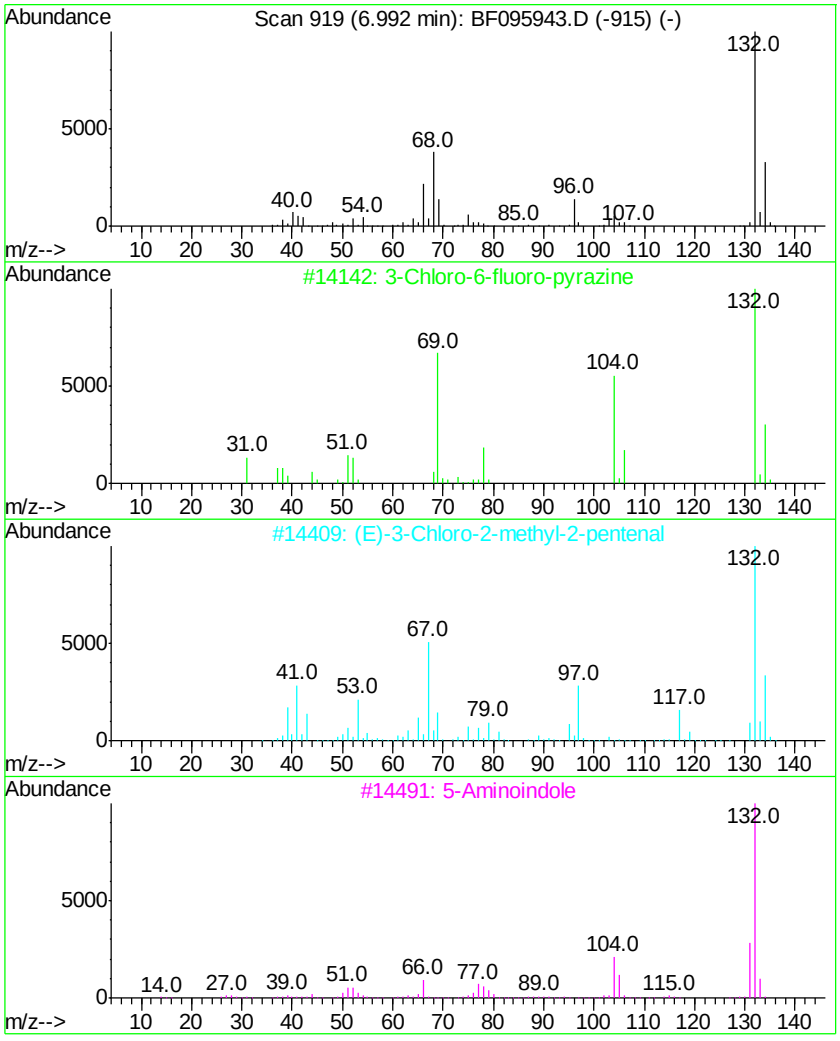
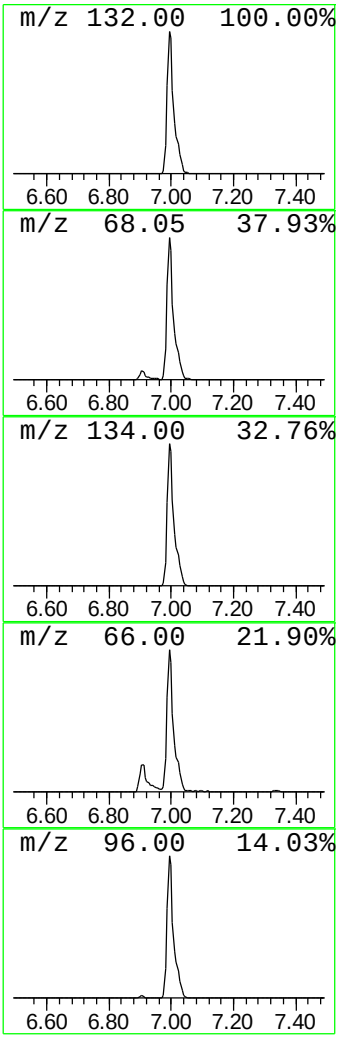
Peak Number 3 unknown6.99 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	85.65 ng	1607200	1,4-Dichlorobenzene-d4	7.33

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	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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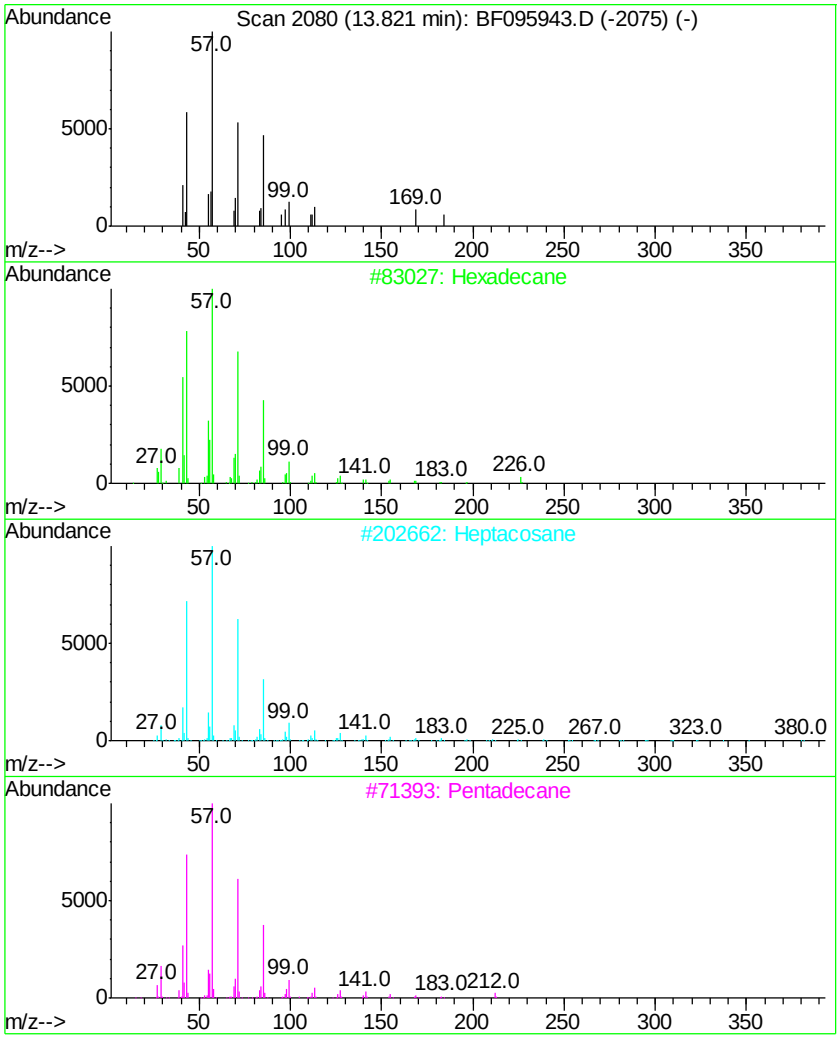
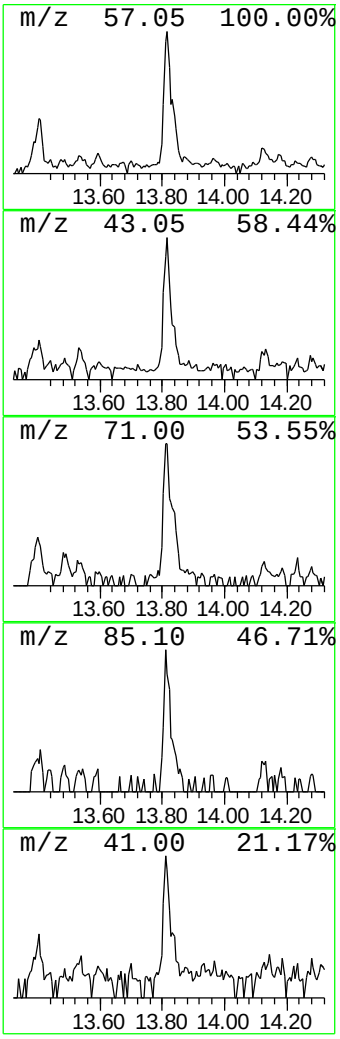
Peak Number 5 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	2.79 ng	58830	Phenanthrene-d10	14.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heptacosane	380	C27H56	000593-49-7	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	Heptadecane	240	C17H36	000629-78-7	83
5	Eicosane	282	C20H42	000112-95-8	78





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Misc :
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Instrument : BNA_F
ClientSampleId : ONSITE-001B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
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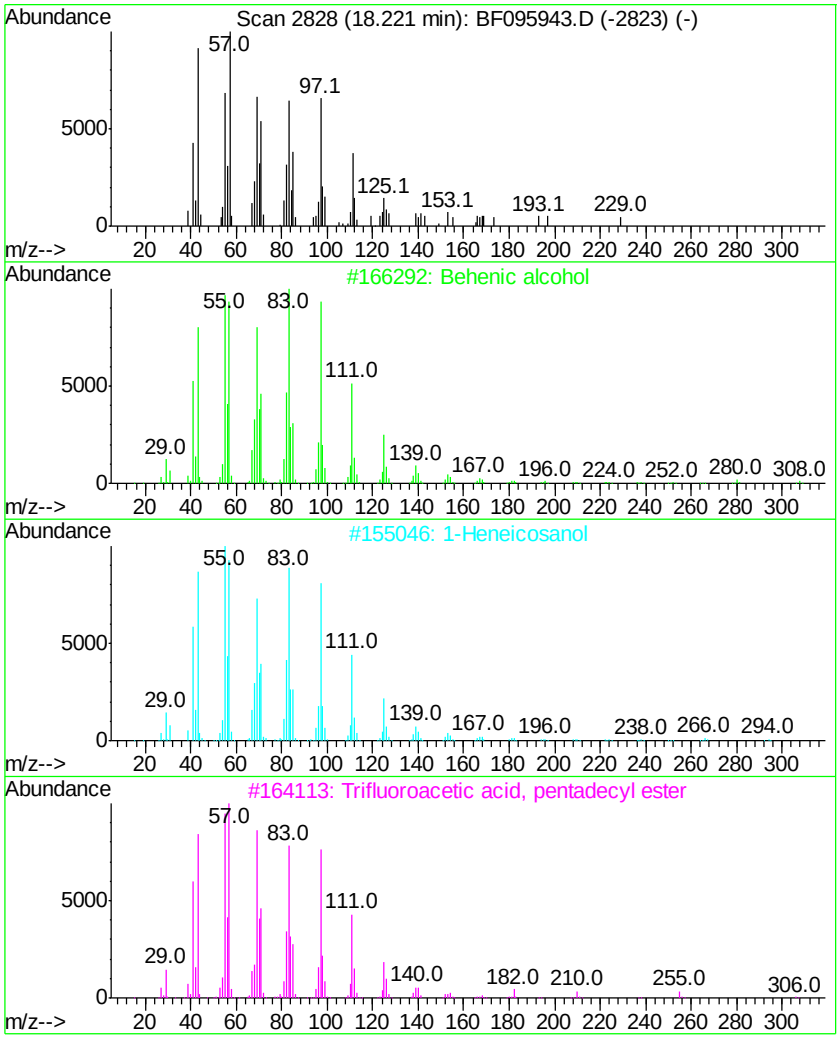
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

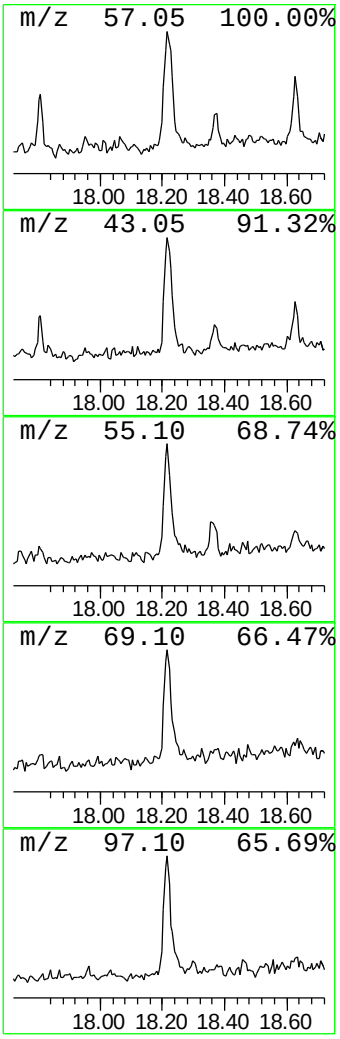
****

Peak Number 6 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	5.67 ng	153489	Chrysene-d12	18.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
ClientSampleId : ONSITE-001B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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
3-Penten-2-one, 4...	3.48	3.0	ng	55358	1	7.33	375277	20.0
2-Pentanone, 4-hy...	4.51	32.4	ng	608768	1	7.33	375277	20.0
unknown6.99	6.99	85.7	ng	1607200	1	7.33	375277	20.0
Hexadecane	13.82	2.8	ng	58830	4	14.58	421155	20.0
Behenic alcohol	18.22	5.7	ng	153489	5	18.30	541263	20.0