

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071717\
 Data File : BF096812.D
 Acq On : 17 Jul 2017 11:56
 Operator : SJ/JU
 Sample : I4159-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-DIESEL-SIDEWALL

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-BF071317.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	4.781	471	475	488	rVB	234304	333881	13.43%	1.518%
2	5.216	545	549	553	rBV	2086444	2213796	89.05%	10.066%
3	6.257	721	726	737	rBV	2163710	2336842	94.00%	10.625%
4	6.381	742	747	750	rBV	2425532	2243810	90.26%	10.202%
5	6.610	782	786	789	rBV	752887	620298	24.95%	2.820%
6	6.763	808	812	816	rBV	1753148	1634277	65.74%	7.431%
7	7.175	876	882	885	rBV	1376677	1438748	57.87%	6.542%
8	7.887	999	1003	1007	rBV	1039514	973739	39.17%	4.427%
9	8.969	1182	1187	1190	rBV	2476384	2485961	100.00%	11.303%
10	9.357	1249	1253	1256	rBV	351367	285709	11.49%	1.299%
11	9.586	1289	1292	1296	rVB	35217	27924	1.12%	0.127%
12	9.633	1296	1300	1304	rBV	1066918	1020200	41.04%	4.639%
13	9.857	1334	1338	1343	rVB3	17463	24993	1.01%	0.114%
14	10.086	1373	1377	1380	rVB	85704	64334	2.59%	0.293%
15	10.304	1409	1414	1417	rBV	37849	43626	1.75%	0.198%
16	10.422	1429	1434	1437	rBV	1439710	1327844	53.41%	6.037%
17	10.557	1454	1457	1464	rBV	99619	136522	5.49%	0.621%
18	11.004	1529	1533	1535	rBV2	46745	42937	1.73%	0.195%
19	11.110	1547	1551	1554	rBV	1067252	893705	35.95%	4.063%
20	11.427	1602	1605	1611	rVB	30325	26454	1.06%	0.120%
21	11.657	1639	1644	1647	rBV	73323	75285	3.03%	0.342%
22	12.310	1750	1755	1760	rBV5	27077	38070	1.53%	0.173%
23	12.439	1772	1777	1787	rBV	186691	227809	9.16%	1.036%
24	12.692	1816	1820	1824	rBV	1976765	1988221	79.98%	9.040%
25	13.598	1971	1974	1982	rVB2	102808	130091	5.23%	0.591%
26	13.733	1993	1997	2000	rBV	721471	631264	25.39%	2.870%
27	14.227	2078	2081	2085	rBV5	23647	37397	1.50%	0.170%
28	14.492	2123	2126	2129	rBV2	23840	25841	1.04%	0.117%
29	15.104	2225	2230	2235	rBV	530989	604978	24.34%	2.751%
30	15.580	2308	2311	2319	rBV10	16575	33399	1.34%	0.152%
31	16.539	2472	2474	2480	rVB7	18521	25745	1.04%	0.117%

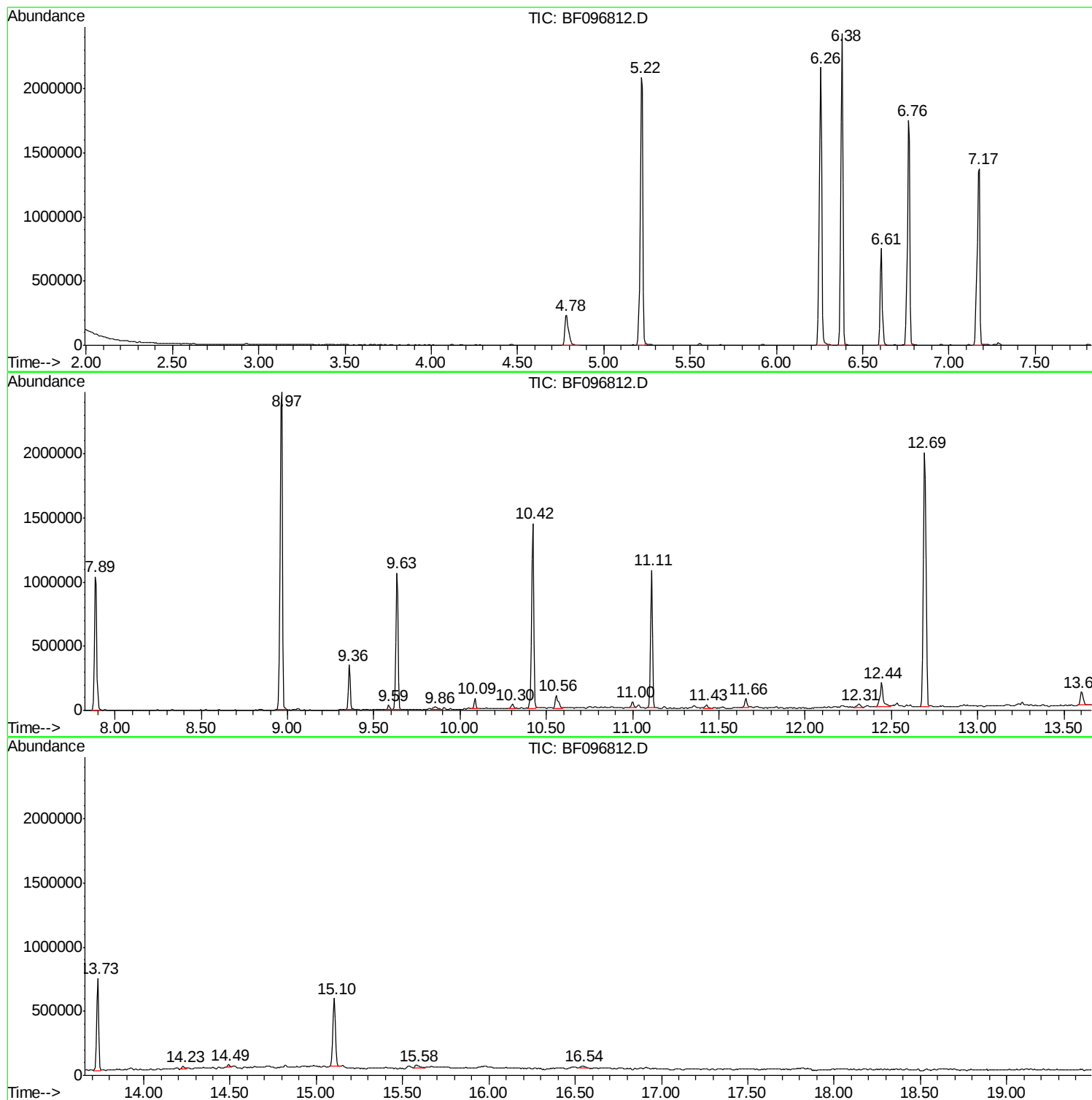
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOUTH-DIESEL-SIDEWALL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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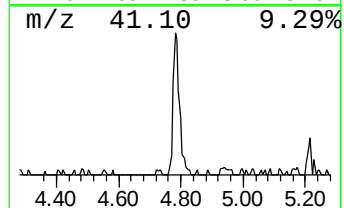
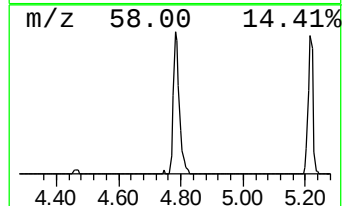
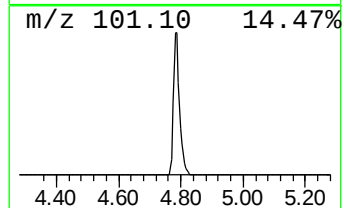
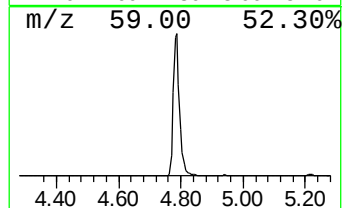
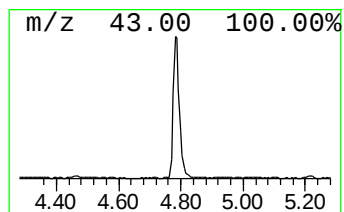
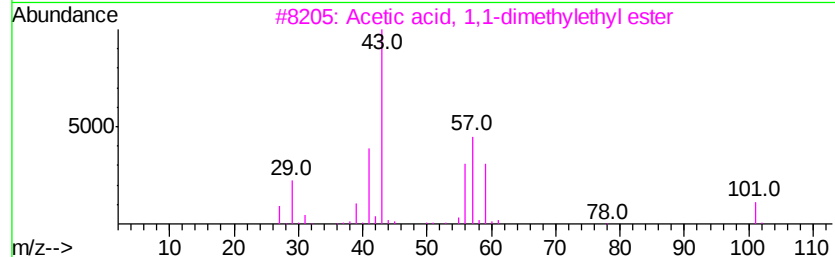
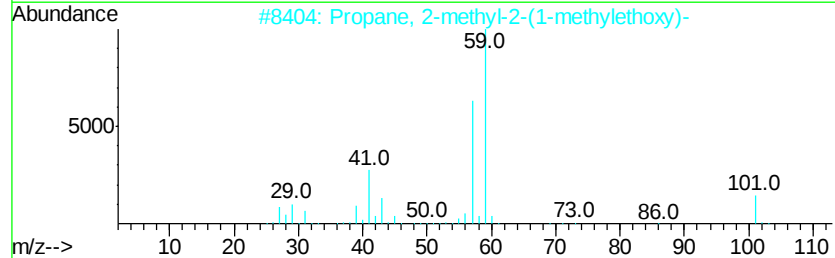
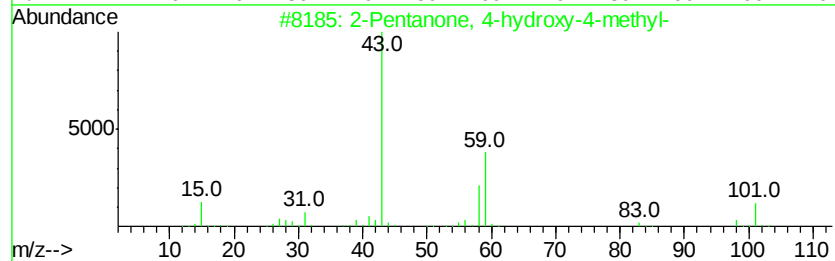
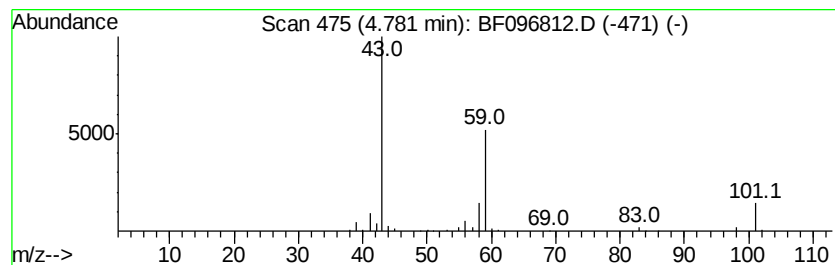
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	10.77 ng	333881	1,4-Dichlorobenzene-d4	6.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9



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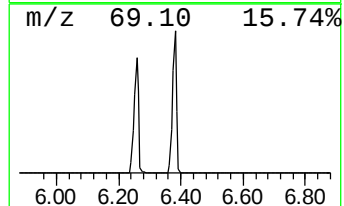
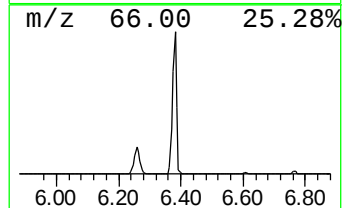
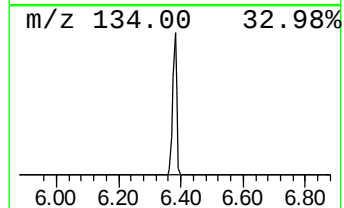
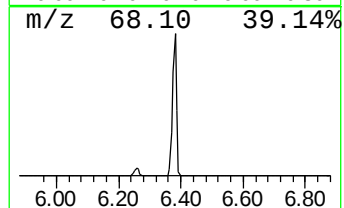
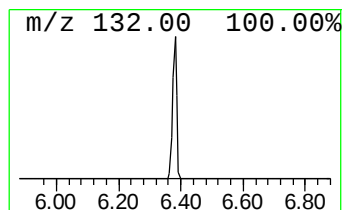
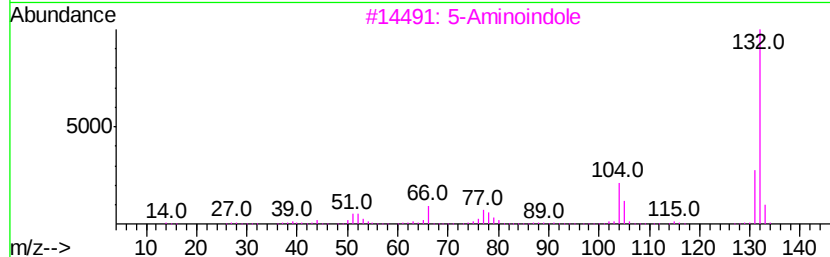
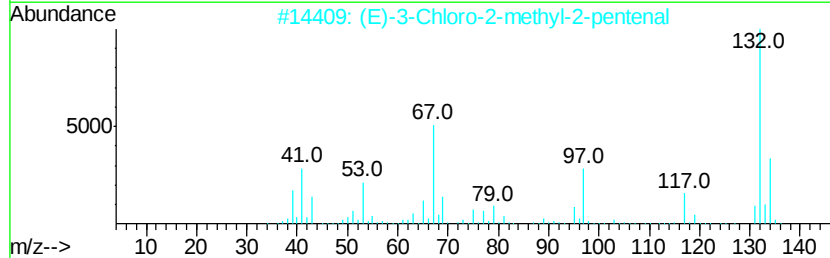
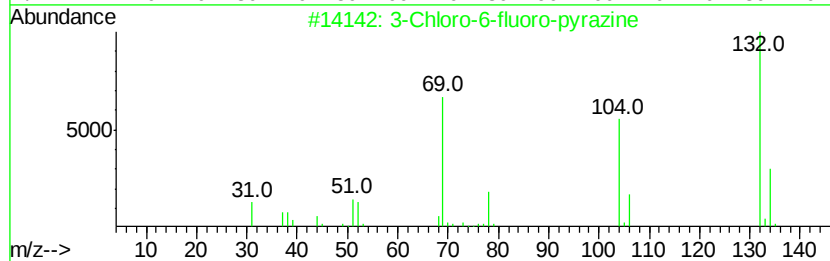
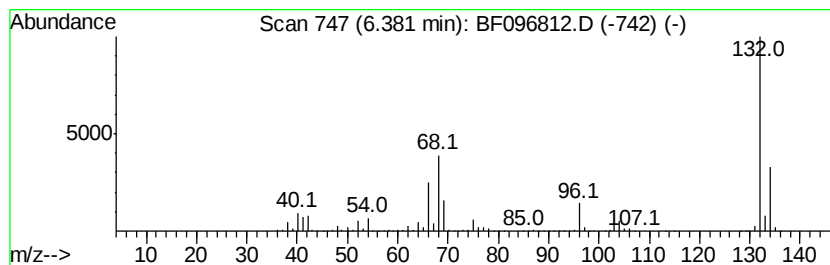
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Peak Number 2 unknown6.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	72.35 ng	2243810	1,4-Dichlorobenzene-d4	6.61

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	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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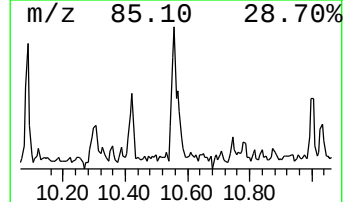
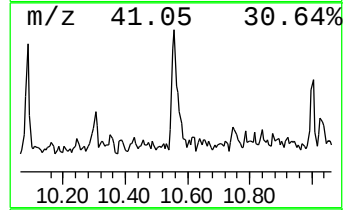
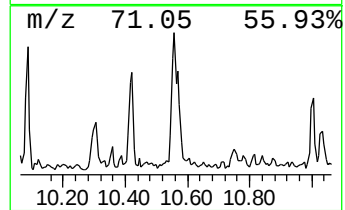
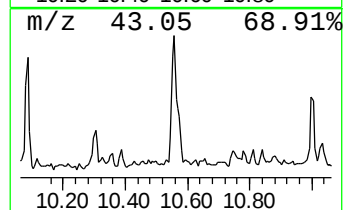
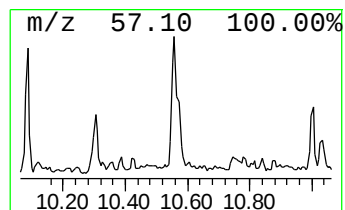
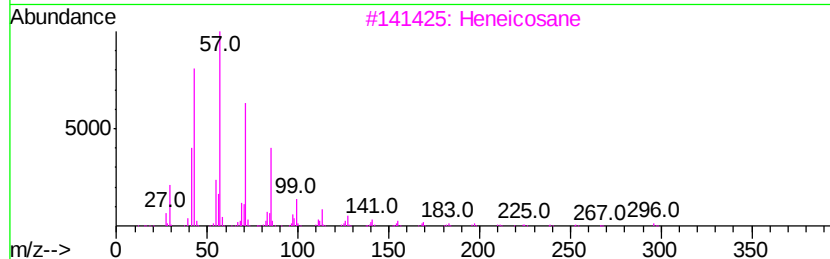
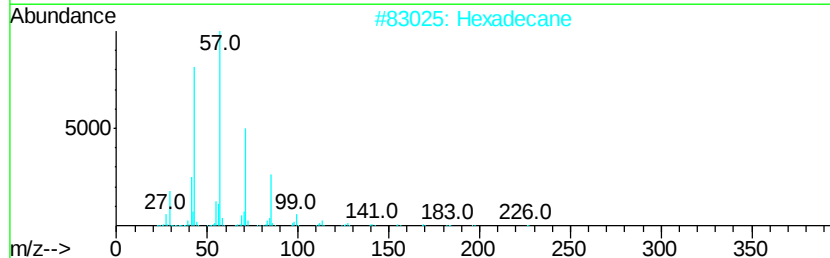
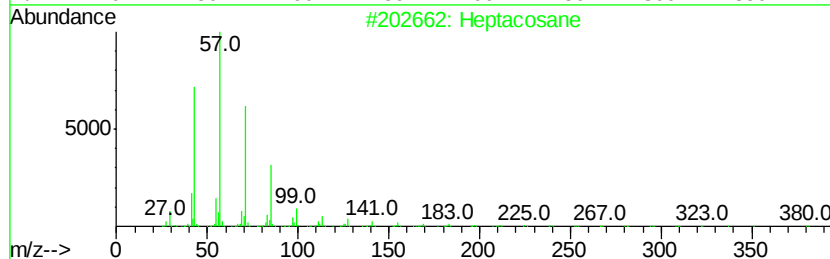
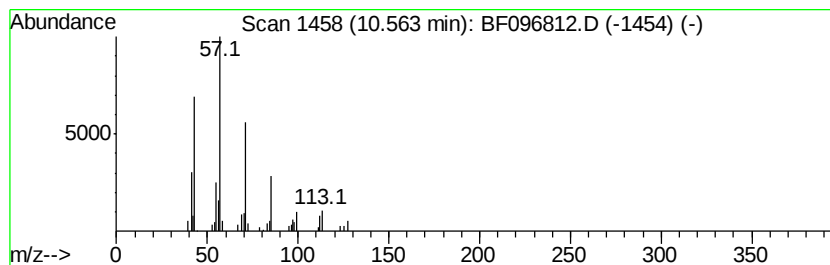
Instrument :
BNA_F
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.56	3.06 ng	136522	Phenanthrene-d10	11.11	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Nonadecane	268	C19H40	000629-92-5	86
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83



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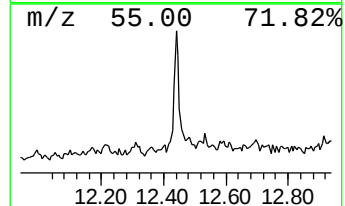
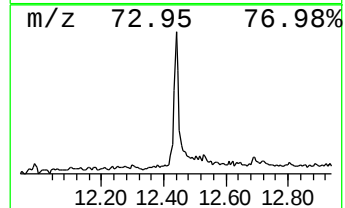
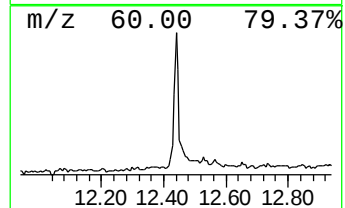
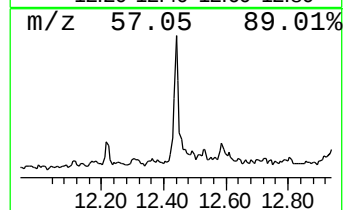
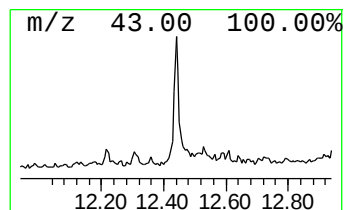
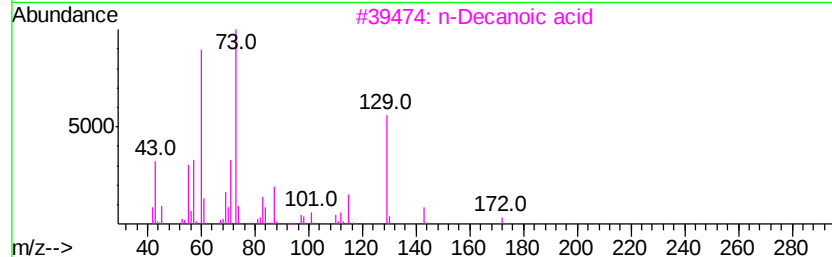
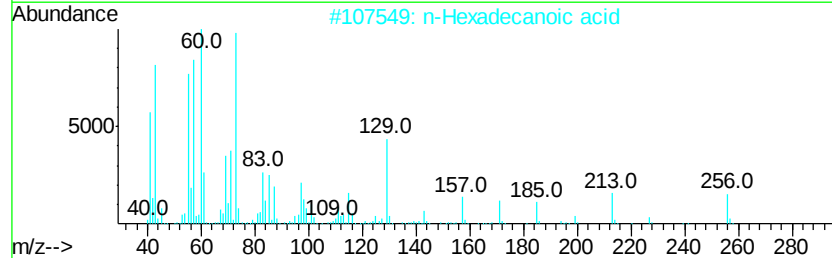
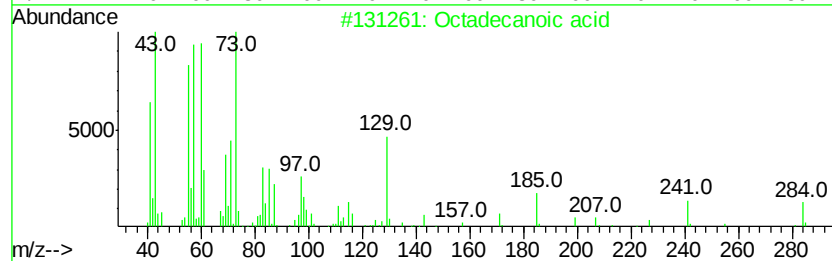
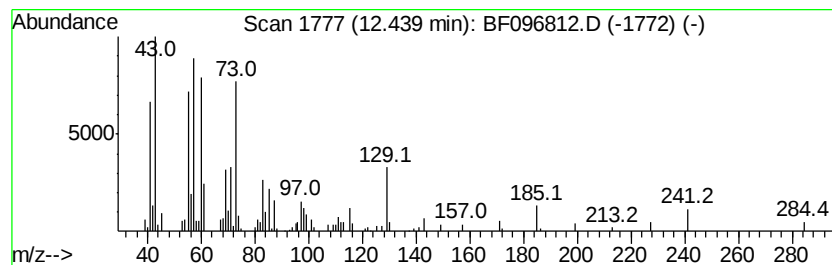
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Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	7.22 ng	227809	Chrysene-d12	13.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	91
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3		n-Decanoic acid	172	C10H20O2	000334-48-5	83
4		Tridecanoic acid	214	C13H26O2	000638-53-9	80
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	80



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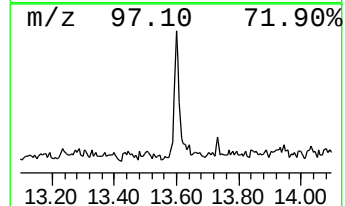
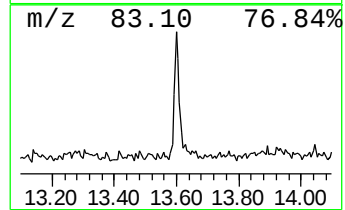
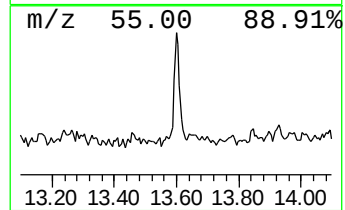
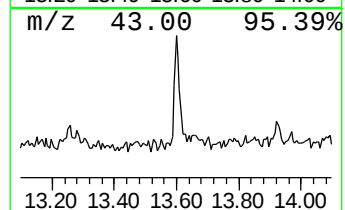
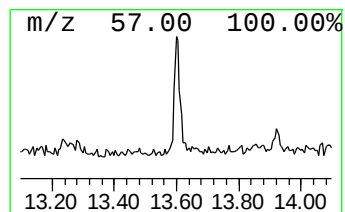
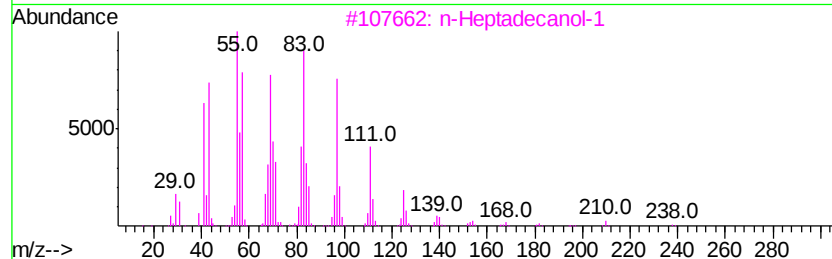
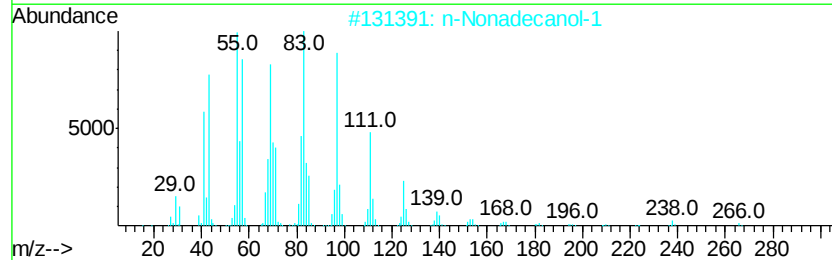
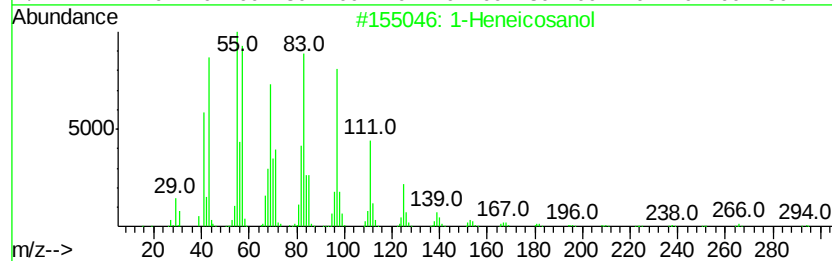
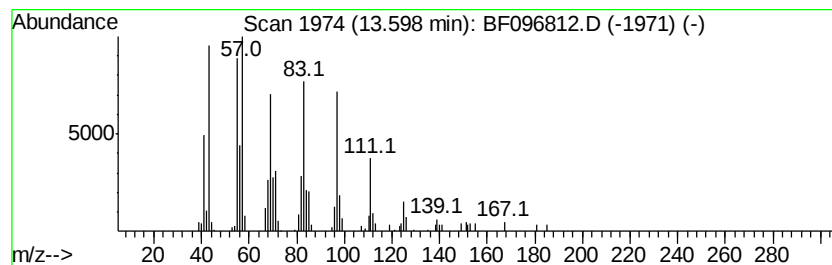
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Peak Number 6 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.60	4.12 ng	130091	Chrysene-d12		13.73
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	91
4	1-Octadecanol	270	C18H38O	000112-92-5	91
5	Behenic alcohol	326	C22H46O	000661-19-8	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.78	10.8	ng	333881	1	6.61	620298	20.0
unknown6.38	6.38	72.3	ng	2243810	1	6.61	620298	20.0
Heptacosane	10.56	3.1	ng	136522	4	11.11	893705	20.0
Octadecanoic acid	12.44	7.2	ng	227809	5	13.73	631264	20.0
1-Heneicosanol	13.60	4.1	ng	130091	5	13.73	631264	20.0