

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
 Data File : BF137049.D
 Acq On : 12 Jan 2024 15:30
 Operator : CG\JU
 Sample : P1123-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASIN-5-TRUCK-STOP-BOTTOM

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:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137049.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.158	7	12	16	rBV	10512	14658	1.14%	0.149%
2	5.016	494	498	511	rVB	63655	78279	6.08%	0.796%
3	5.428	565	568	584	rBV	1066525	1000672	77.73%	10.182%
4	6.434	735	739	752	rBV	1160328	1045572	81.22%	10.639%
5	6.622	768	771	784	rBV	12604	26532	2.06%	0.270%
6	6.781	795	798	802	rBV	393097	332974	25.86%	3.388%
7	7.345	890	894	897	rBV	781821	641382	49.82%	6.526%
8	8.057	1012	1015	1029	rBV	501181	436956	33.94%	4.446%
9	9.134	1194	1198	1202	rBV	1414284	1287398	100.00%	13.099%
10	9.263	1214	1220	1231	rBV	1086623	1169467	90.84%	11.899%
11	9.816	1310	1314	1322	rBV	595851	477444	37.09%	4.858%
12	10.610	1445	1449	1462	rBV	770003	748831	58.17%	7.619%
13	11.310	1564	1568	1575	rBV	559940	457052	35.50%	4.651%
14	11.704	1630	1635	1638	rVB	23936	19912	1.55%	0.203%
15	11.839	1655	1658	1673	rBV2	133939	160937	12.50%	1.638%
16	12.410	1750	1755	1763	rBV4	35933	38909	3.02%	0.396%
17	12.557	1778	1780	1783	rVB	24984	18898	1.47%	0.192%
18	12.633	1790	1793	1798	rBV2	18733	25110	1.95%	0.255%
19	12.904	1835	1839	1842	rBV	1221673	1014461	78.80%	10.322%
20	13.874	1995	2004	2012	rBV7	22514	77843	6.05%	0.792%
21	13.969	2017	2020	2027	rVB	316849	297318	23.09%	3.025%
22	14.416	2093	2096	2101	rBV5	16948	28129	2.18%	0.286%
23	14.810	2158	2163	2167	rBV4	19972	32326	2.51%	0.329%
24	15.233	2231	2235	2240	rBV6	19212	31990	2.48%	0.326%
25	15.457	2268	2273	2282	rBV	262762	349048	27.11%	3.552%
26	16.345	2419	2424	2430	rVB9	9640	15848	1.23%	0.161%

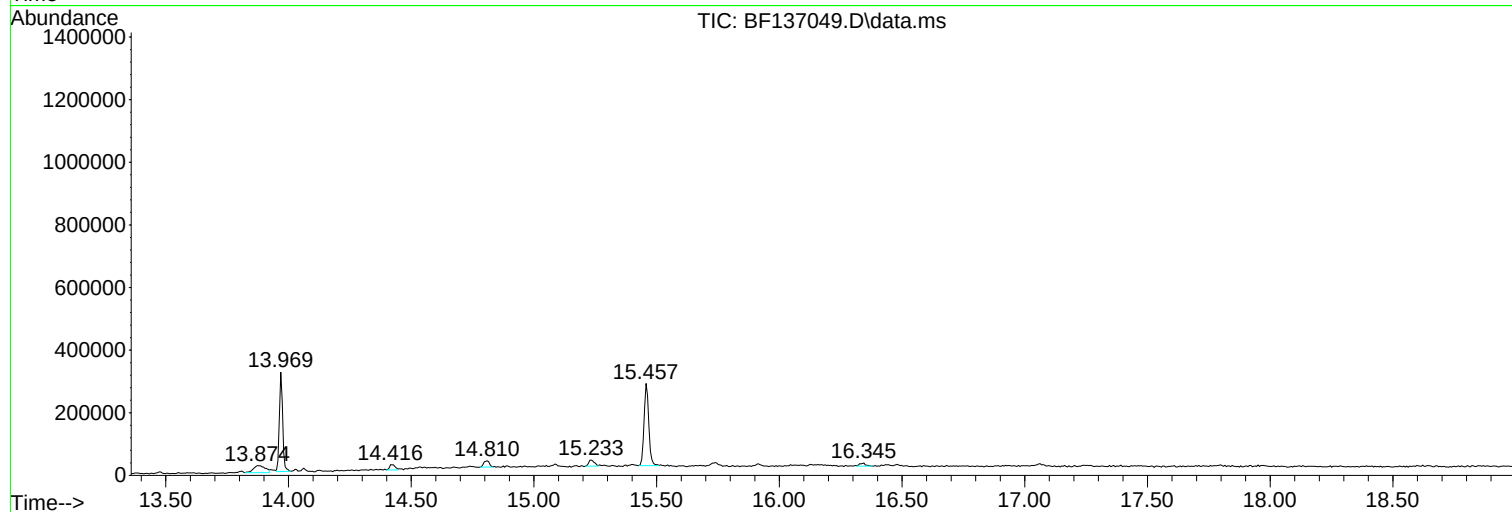
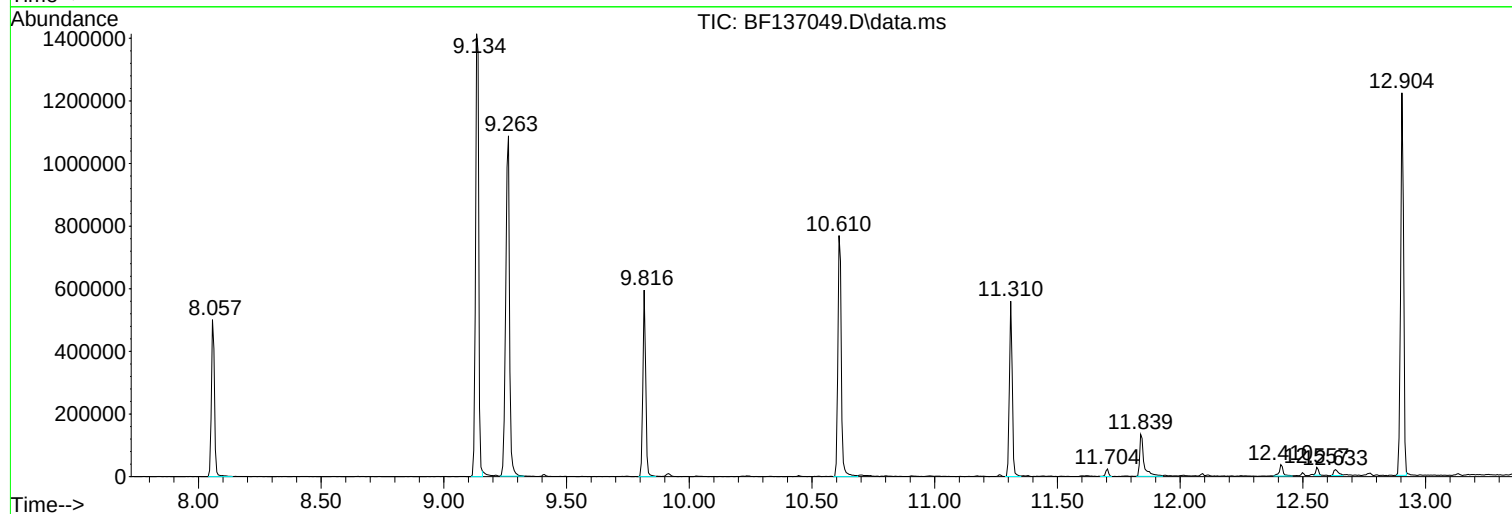
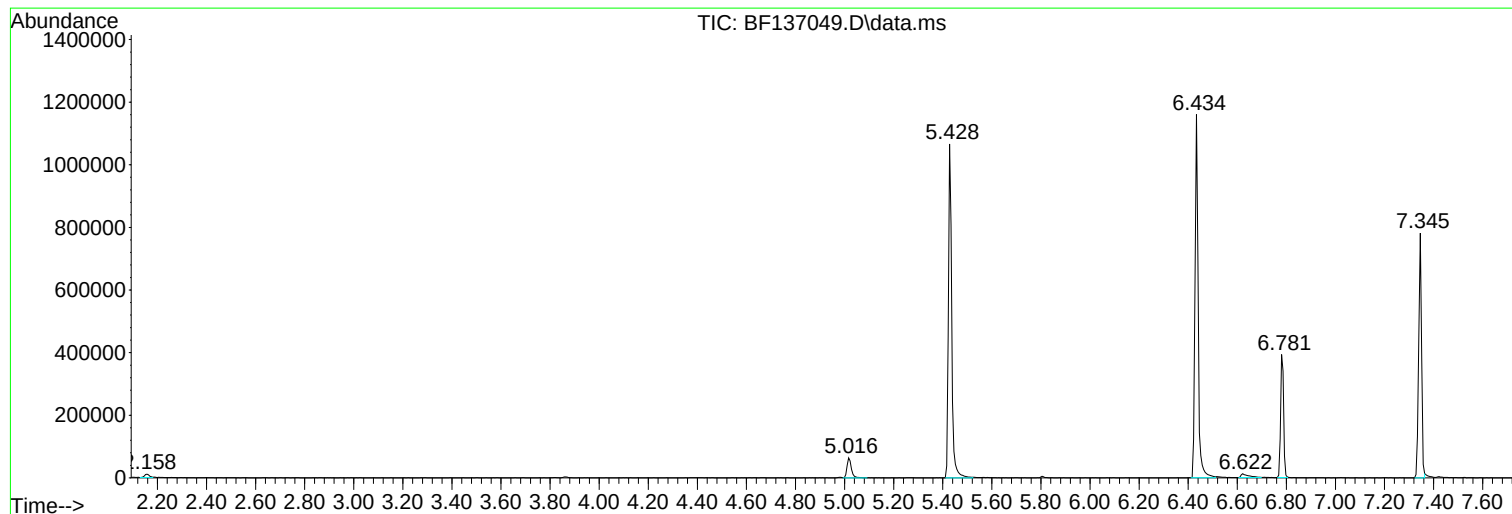
Sum of corrected areas: 9827946

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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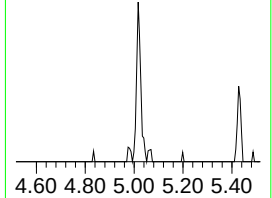
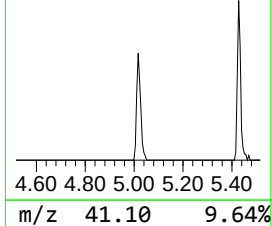
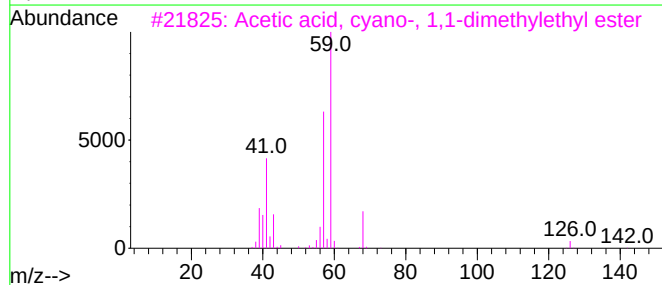
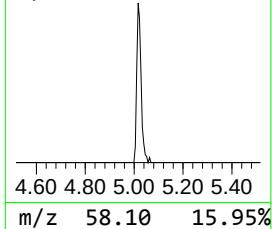
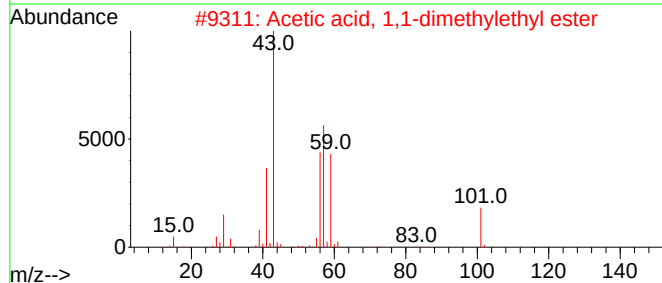
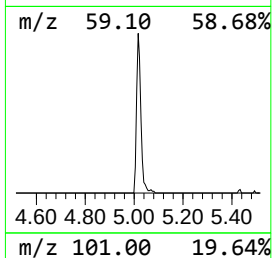
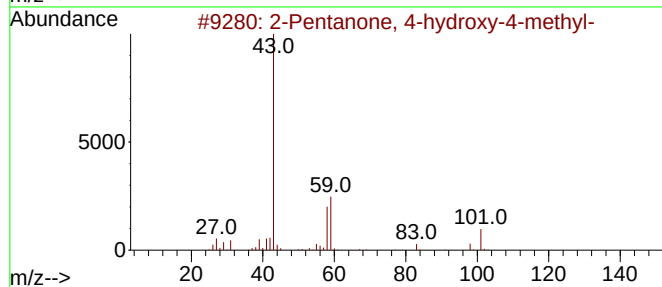
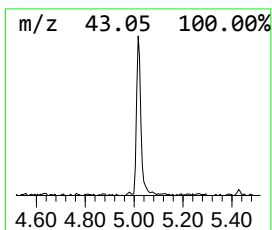
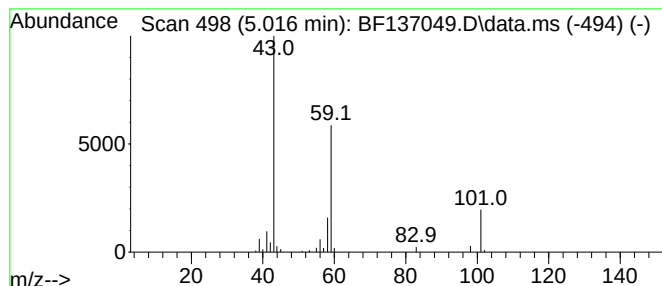
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.016	4.70 ng	78279	1,4-Dichlorobenzene-d4	6.781

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50		
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39		
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17		
4	Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	9		
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		



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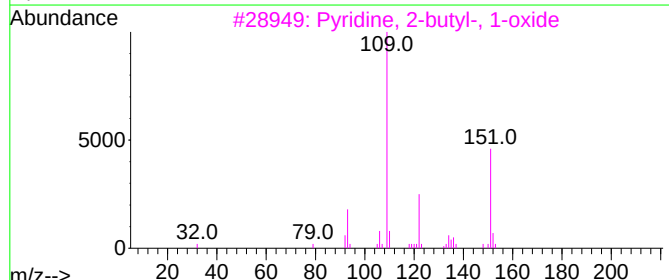
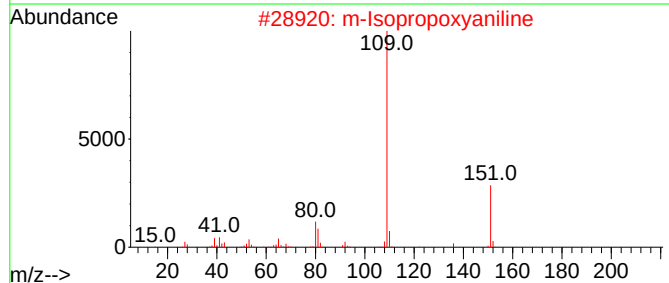
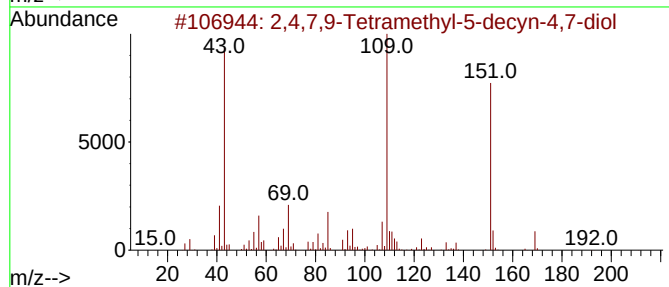
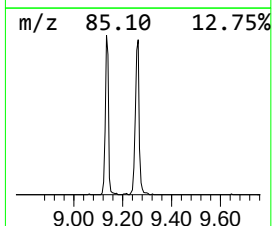
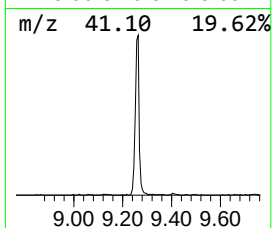
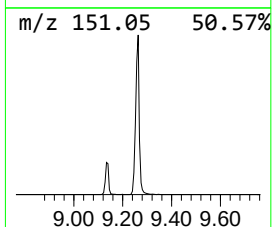
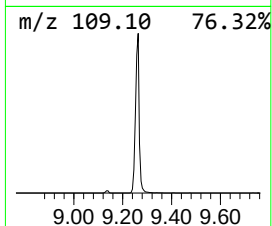
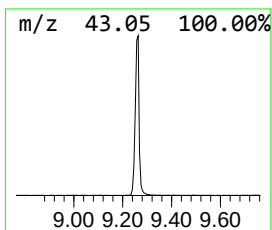
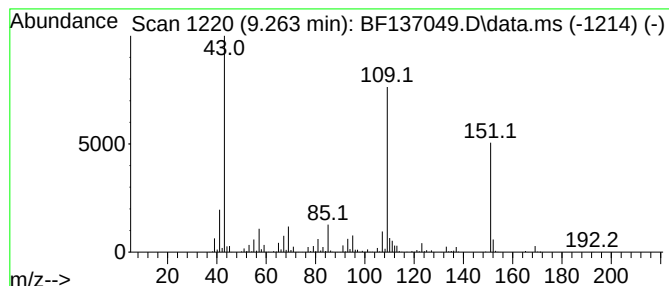
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.263	48.99 ng	1169470	Acenaphthene-d10	9.816

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2		000126-86-3	91
2	m-Isopropoxyaniline	151	C9H13NO		041406-00-2	59
3	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO		031396-32-4	59
4	Metacetamol	151	C8H9NO2		000621-42-1	59
5	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O		000116-02-9	47



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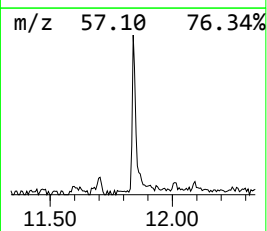
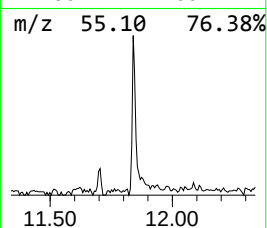
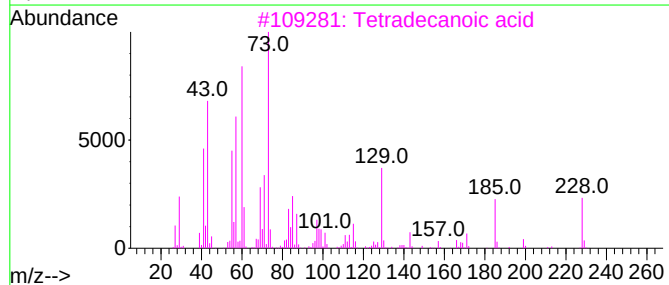
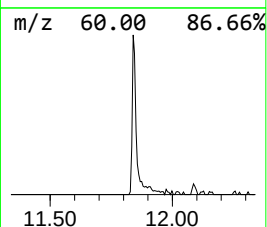
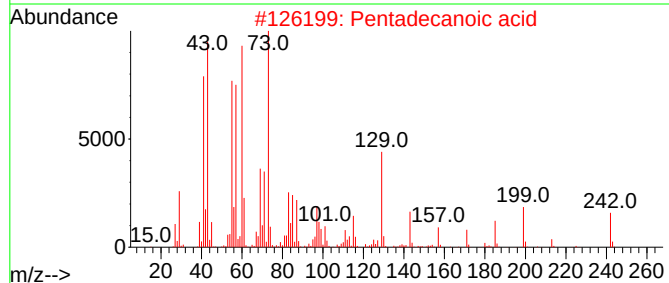
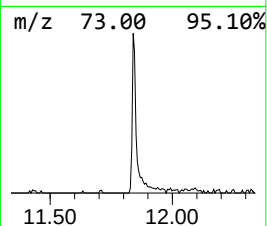
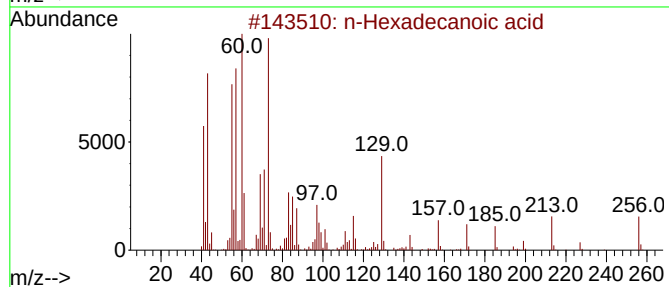
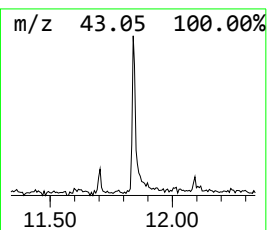
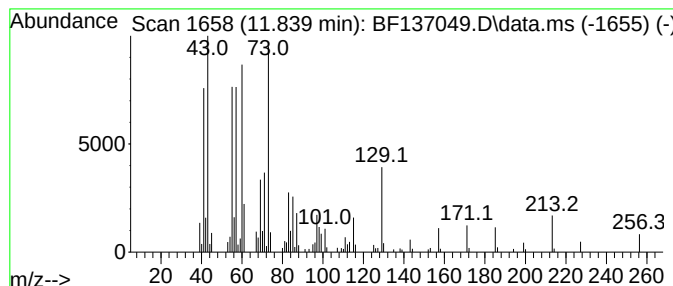
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	7.04 ng	160937	Phenanthrene-d10	11.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4		Tridecanoic acid	214	C13H26O2	000638-53-9	72
5		Dodecanoic acid	200	C12H24O2	000143-07-7	64



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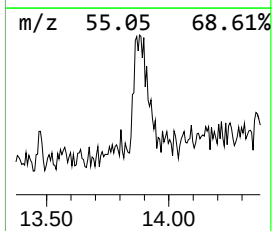
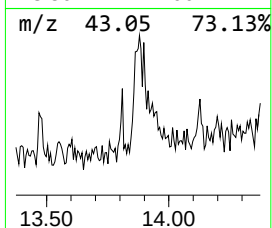
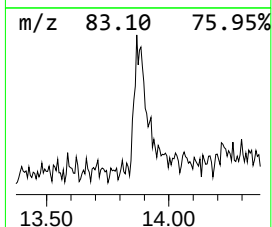
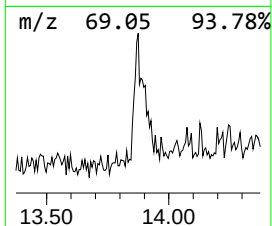
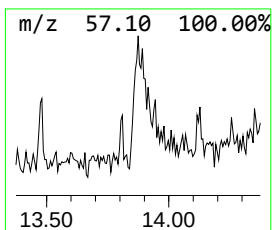
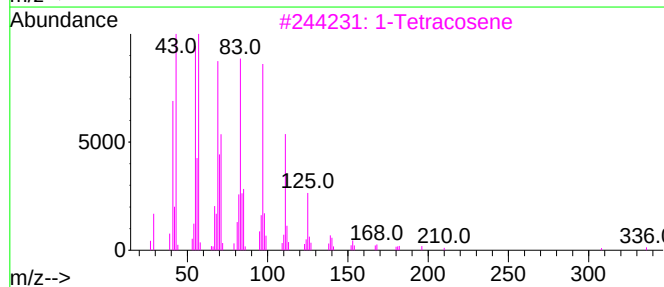
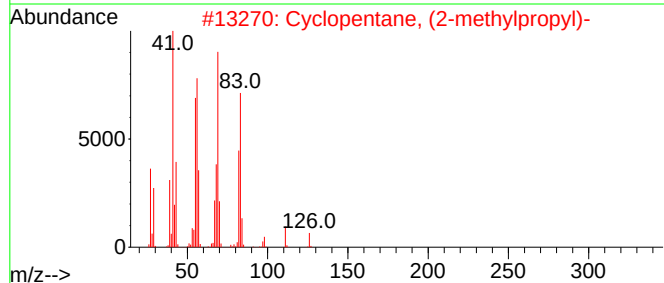
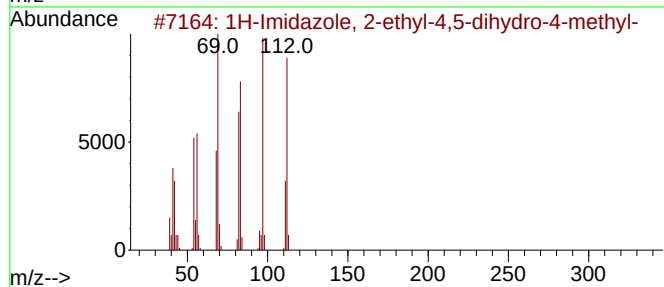
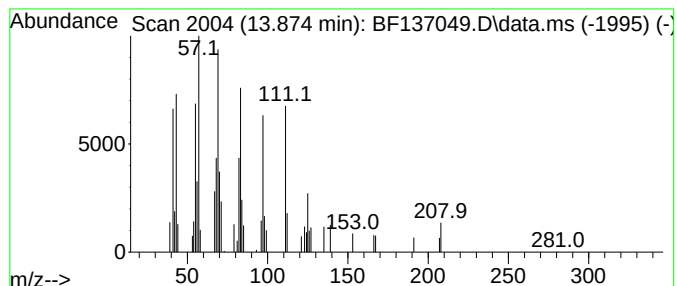
Instrument :
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ClientSampleId :
BASIN-5-TRUCK-STOP-BOTTOM

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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1H-Imidazole, 2-ethyl-4,5-d... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.874	5.24 ng	77843	Chrysene-d12	13.969	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Imidazole, 2-ethyl-4,5-dihydr...	112	C6H12N2	000931-35-1	64
2	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	64
3	1-Tetracosene	336	C24H48	010192-32-2	64
4	Hexacosyl propyl ether	424	C29H60O	1000406-28-4	62
5	Cyclohexane, 1-(cyclohexylmethyl...	208	C15H28	054934-94-0	62



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.016	4.7	ng	78279	1	6.781	332974	20.0
2,4,7,9-Tetrame...	9.263	49.0	ng	1169470	3	9.816	477444	20.0
n-Hexadecanoic ...	11.839	7.0	ng	160937	4	11.310	457052	20.0
1H-Imidazole, 2...	13.874	5.2	ng	77843	5	13.969	297318	20.0