

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
 Data File : BF135960.D
 Acq On : 26 Oct 2023 13:29
 Operator : CG\JU
 Sample : 04984-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE

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-BF102523.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135960.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.116	3	5	10	rVB	1247015	1267958	35.97%	5.123%
2	2.228	18	24	30	rVB	39200	54984	1.56%	0.222%
3	5.051	495	504	515	rBV	355929	435170	12.35%	1.758%
4	5.451	567	572	575	rBV	3147723	2868648	81.39%	11.591%
5	6.451	736	742	745	rBV	2984025	2835351	80.44%	11.456%
6	6.822	802	805	809	rVB	1204930	912154	25.88%	3.686%
7	7.381	896	900	903	rBV	2020166	1803329	51.16%	7.286%
8	8.104	1019	1023	1026	rBV	1480984	1232530	34.97%	4.980%
9	9.181	1202	1206	1209	rBV	4204559	3524597	100.00%	14.241%
10	9.304	1224	1227	1237	rVB	33303	40729	1.16%	0.165%
11	9.857	1318	1321	1325	rBV	1636721	1377700	39.09%	5.567%
12	10.645	1451	1455	1459	rBV	2143763	1952339	55.39%	7.888%
13	11.351	1571	1575	1578	rBV	1690866	1400850	39.74%	5.660%
14	11.892	1661	1667	1671	rBV	140924	169022	4.80%	0.683%
15	12.680	1796	1801	1806	rBV	40474	44916	1.27%	0.181%
16	12.951	1842	1847	1850	rBV	3600593	3159502	89.64%	12.766%
17	14.004	2021	2026	2029	rBV	868456	819185	23.24%	3.310%
18	15.486	2273	2278	2286	rBV	722632	850303	24.12%	3.436%

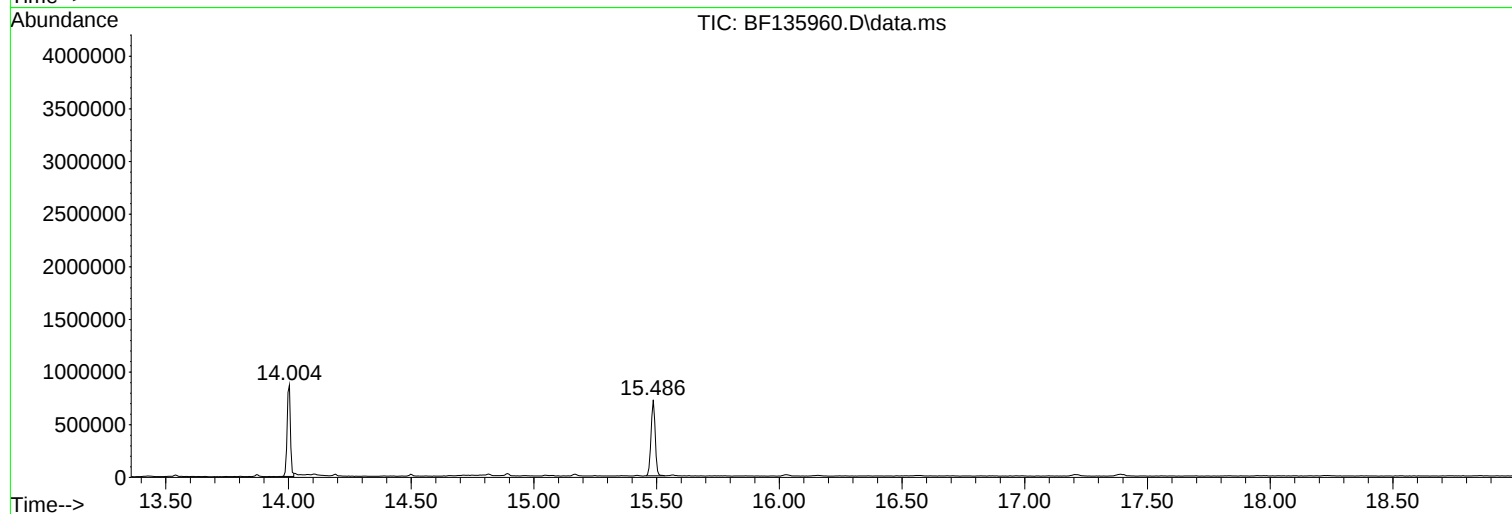
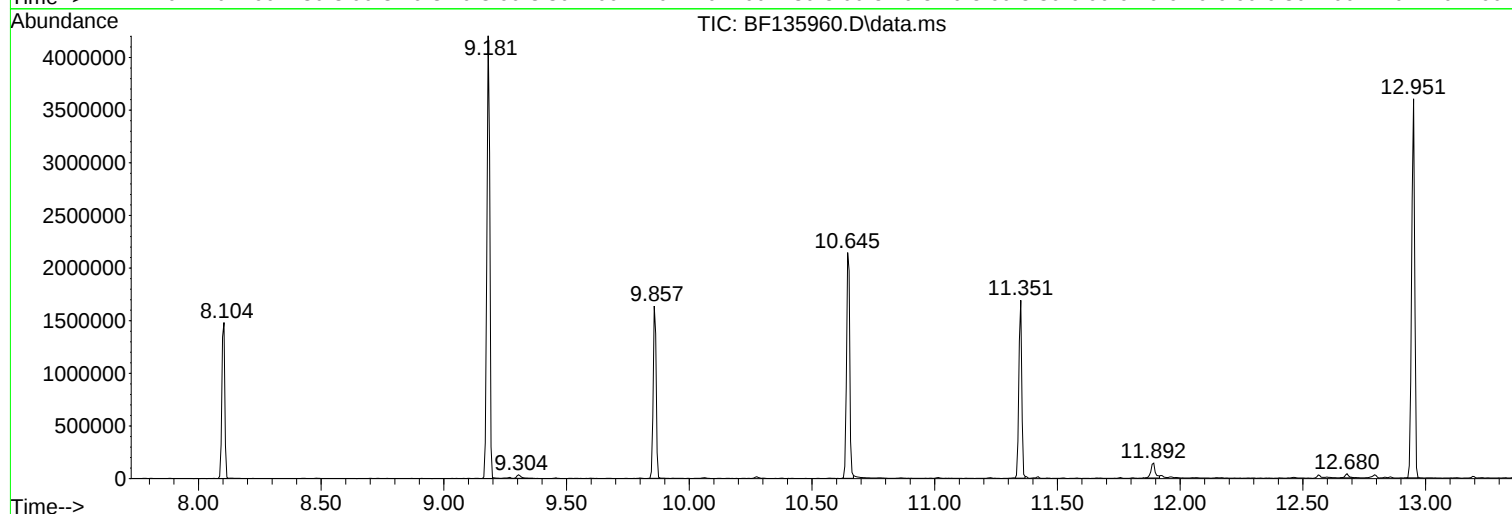
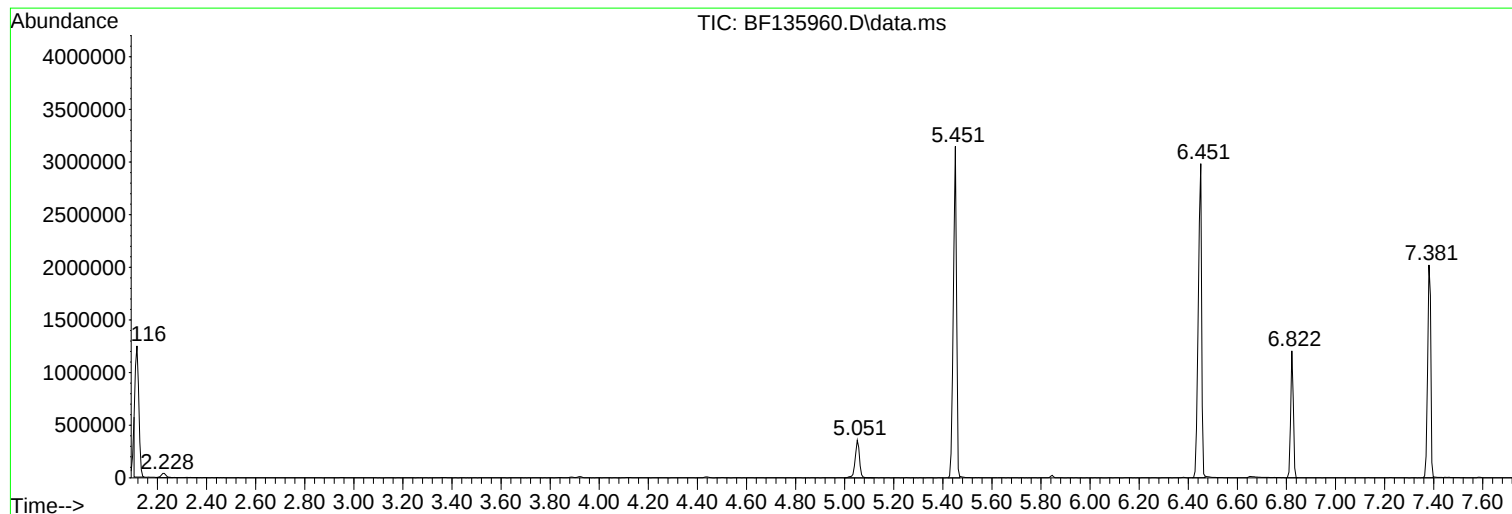
Sum of corrected areas: 24749267

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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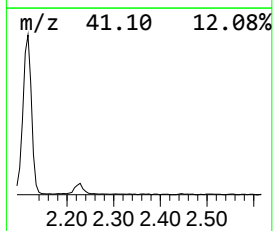
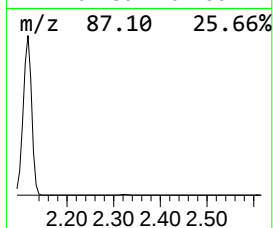
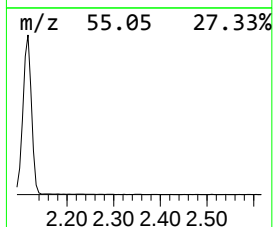
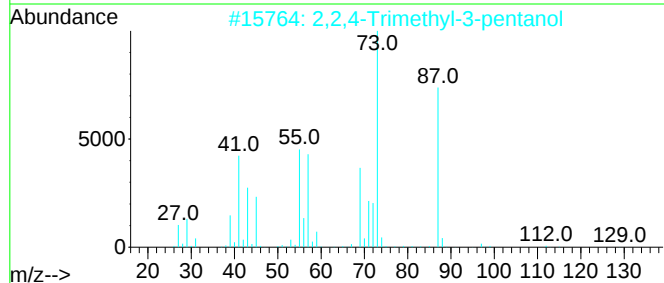
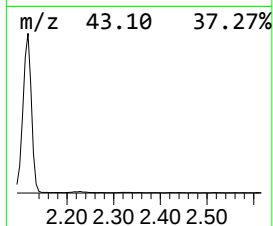
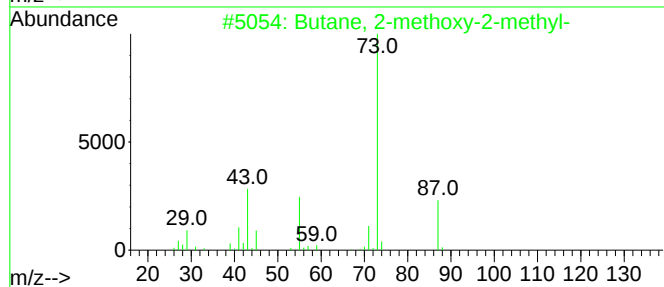
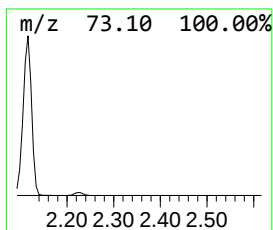
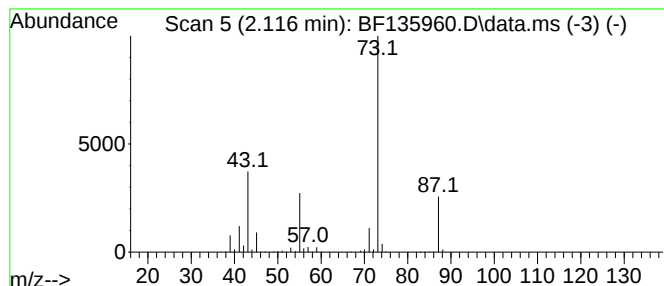
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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.116	27.80 ng	1267960	1,4-Dichlorobenzene-d4	6.822

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5			1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	17



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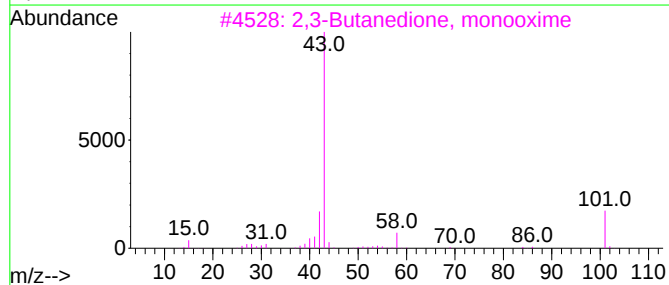
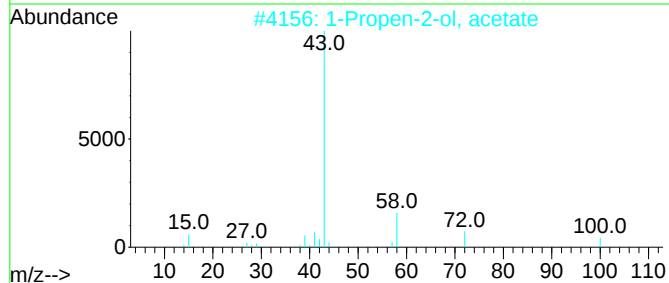
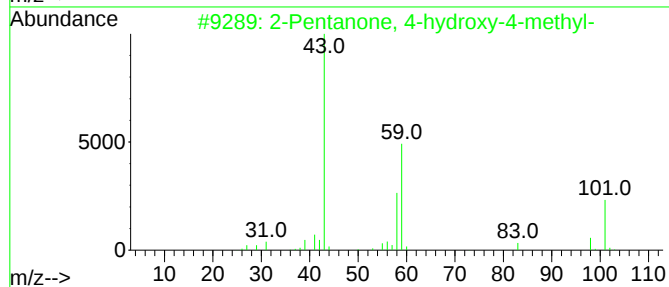
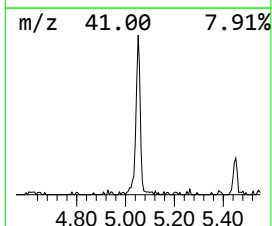
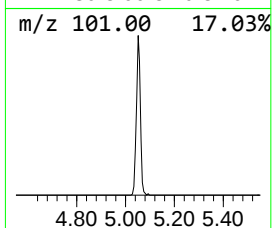
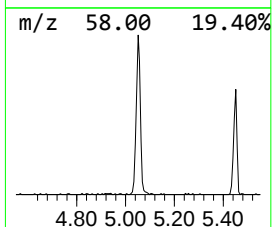
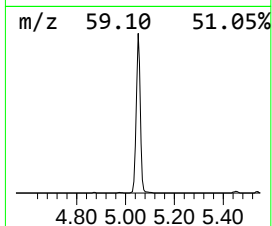
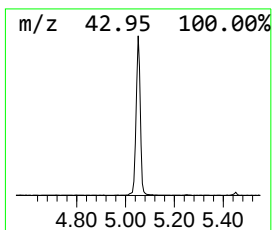
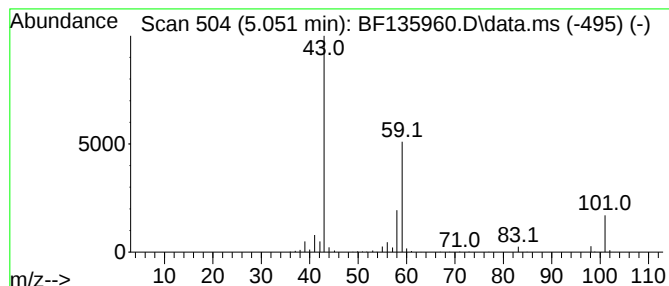
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
5.051	9.54 ng	435170	1,4-Dichlorobenzene-d4		6.822	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-		116	C6H12O2	000123-42-2	83
2	1-Propen-2-ol, acetate		100	C5H8O2	000108-22-5	16
3	2,3-Butanedione, monooxime		101	C4H7NO2	000057-71-6	12
4	Acetone		58	C3H6O	000067-64-1	9
5	n-Propyl t-butyl ether		116	C7H16O	1000334-81-9	9



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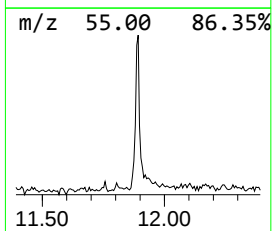
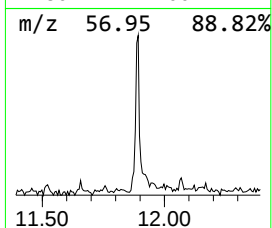
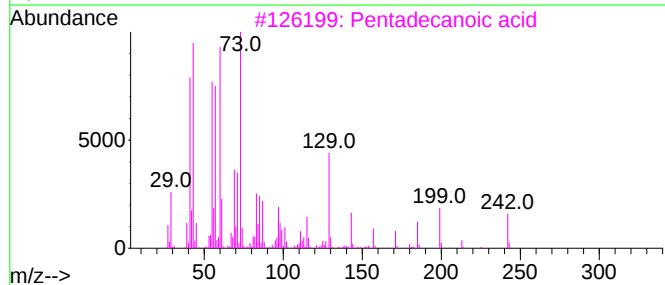
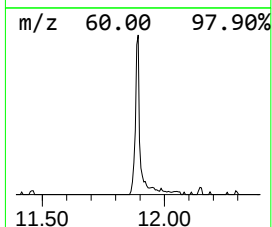
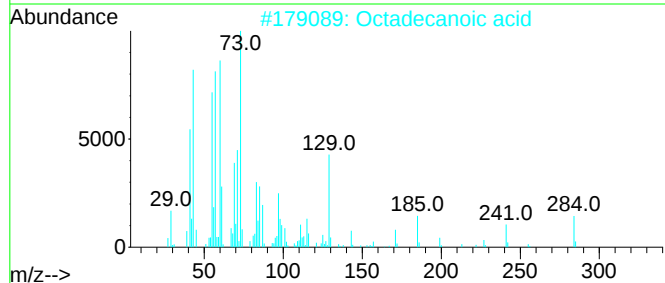
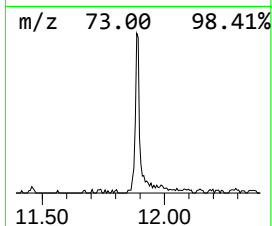
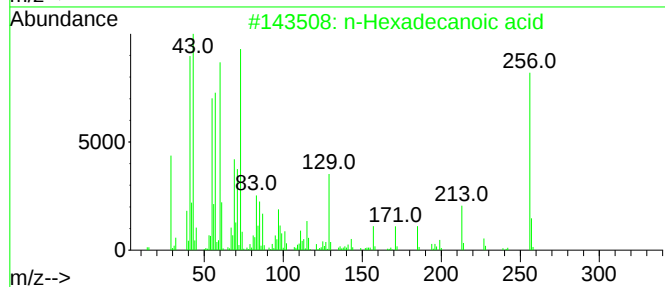
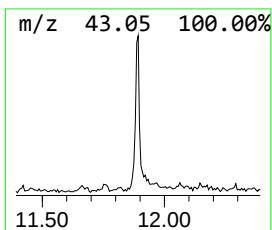
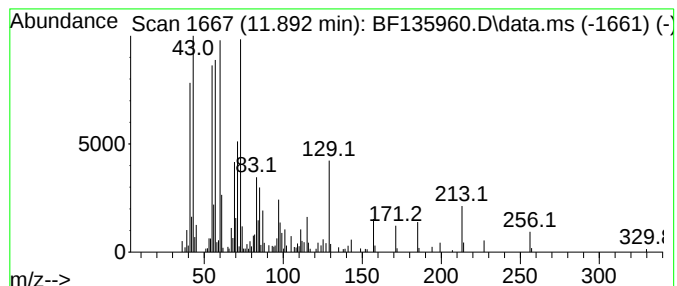
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	2.41 ng	169022	Phenanthrene-d10	11.351

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Octadecanoic acid	284	C18H36O2	000057-11-4	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4			Tridecanoic acid	214	C13H26O2	000638-53-9	76
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	70



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.116	27.8	ng	1267960	1	6.822	912154	20.0
2-Pentanone, 4-...	5.051	9.5	ng	435170	1	6.822	912154	20.0
n-Hexadecanoic ...	11.892	2.4	ng	169022	4	11.351	1400850	20.0