

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031325\
 Data File : BF141945.D
 Acq On : 13 Mar 2025 17:14
 Operator : RC/JU
 Sample : Q1547-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-620-JB-COMP-01

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-BF031025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141945.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.222	13	22	38	rVB	1403625	2369729	36.66%	5.441%
2	5.498	572	579	584	rBV	3093577	4283208	66.27%	9.834%
3	6.498	741	749	754	rBV	2953843	4399766	68.07%	10.101%
4	6.875	808	813	818	rBV	838905	1021352	15.80%	2.345%
5	7.434	901	908	913	rBV	2107186	2946974	45.59%	6.766%
6	7.686	946	951	965	rBV	81572	120163	1.86%	0.276%
7	8.157	1025	1031	1045	rBV	1034674	1395400	21.59%	3.204%
8	9.228	1206	1213	1219	rBV	4369266	6105402	94.46%	14.017%
9	9.910	1320	1329	1339	rVB	1333807	1723530	26.67%	3.957%
10	10.622	1443	1450	1456	rBV	860201	1099038	17.00%	2.523%
11	10.698	1456	1463	1468	rBV	3600522	4683858	72.47%	10.754%
12	11.392	1576	1581	1589	rBV	1373852	1845716	28.56%	4.238%
13	11.921	1662	1671	1682	rBV	944202	1393261	21.56%	3.199%
14	12.004	1682	1685	1694	rVB4	27832	69521	1.08%	0.160%
15	12.604	1783	1787	1799	rBV	113780	186857	2.89%	0.429%
16	12.704	1799	1804	1817	rVV	172243	285776	4.42%	0.656%
17	12.833	1820	1826	1831	rVV	92198	129600	2.01%	0.298%
18	12.980	1845	1851	1856	rBV	4979346	6463444	100.00%	14.840%
19	13.874	1998	2003	2021	rBV	211190	427487	6.61%	0.981%
20	14.027	2023	2029	2043	rVB	938329	1309871	20.27%	3.007%
21	14.880	2170	2174	2182	rBV	54769	79260	1.23%	0.182%
22	15.068	2201	2206	2215	rBV	40387	94662	1.46%	0.217%
23	15.498	2273	2279	2292	rVB	650318	1032884	15.98%	2.371%
24	16.045	2366	2372	2385	rBV	21117	88819	1.37%	0.204%

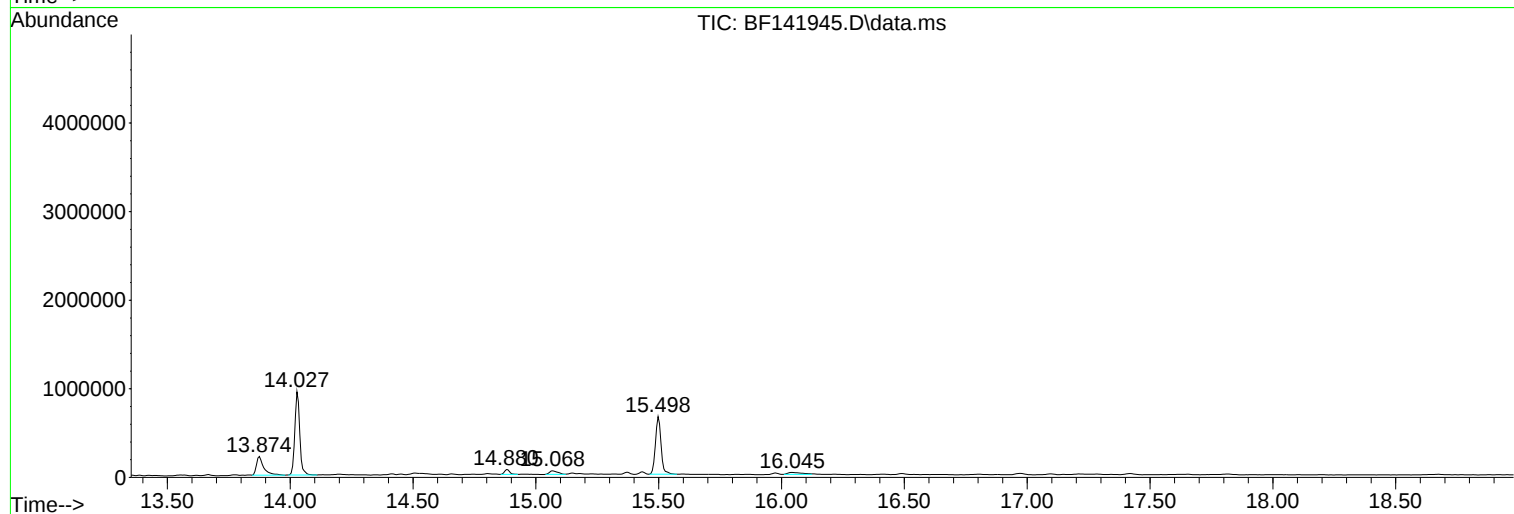
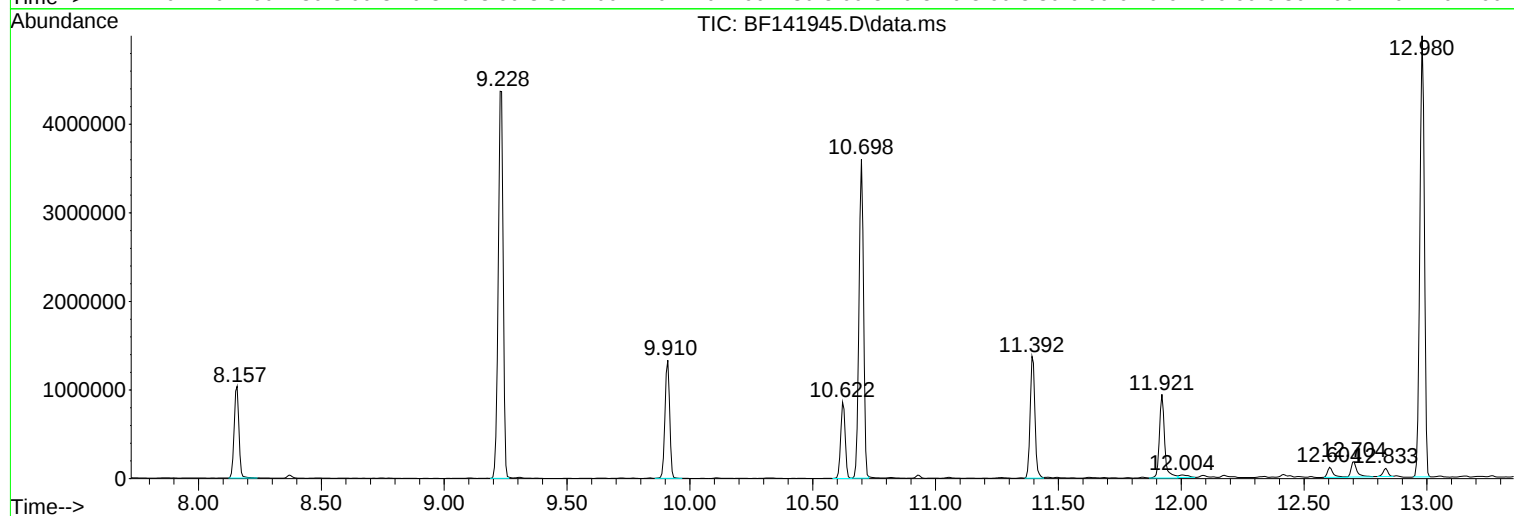
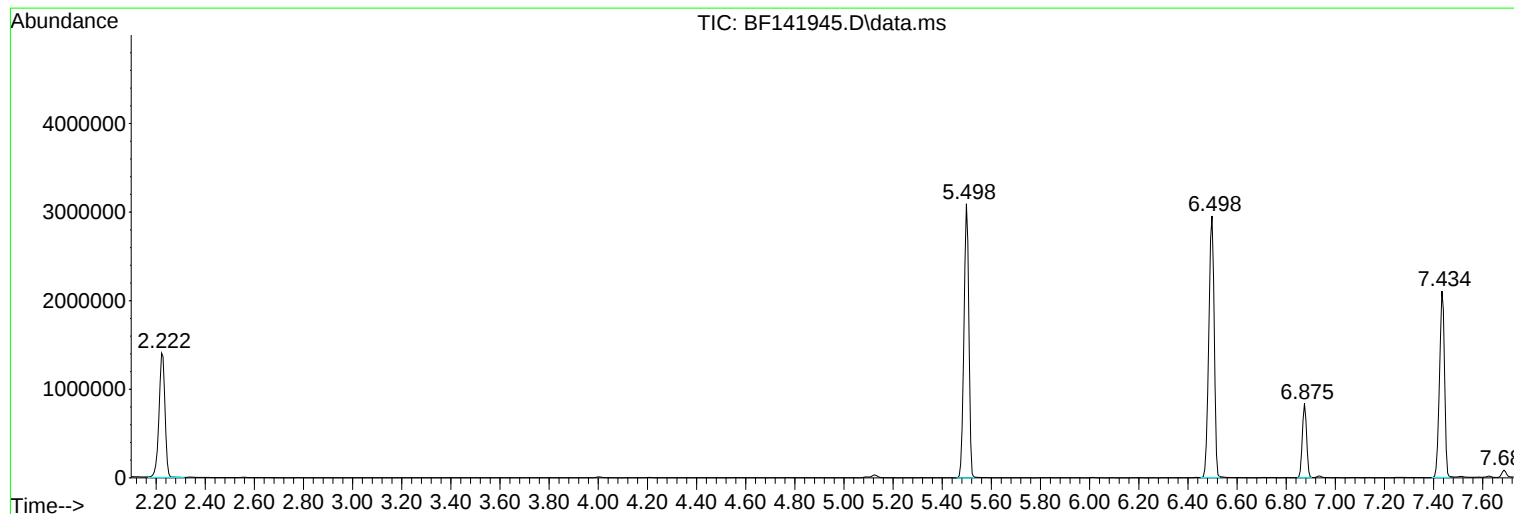
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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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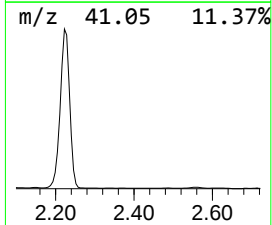
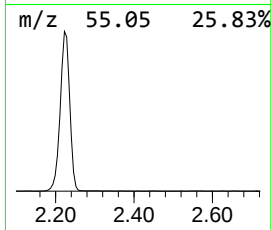
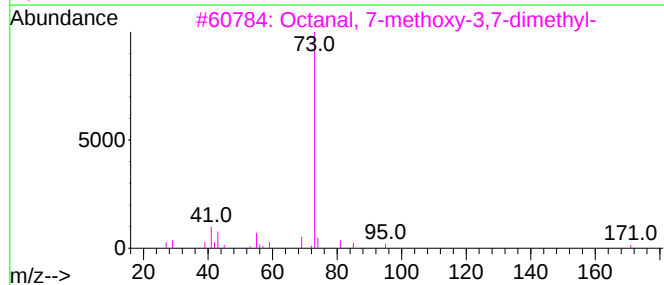
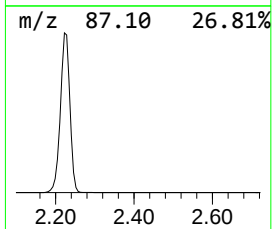
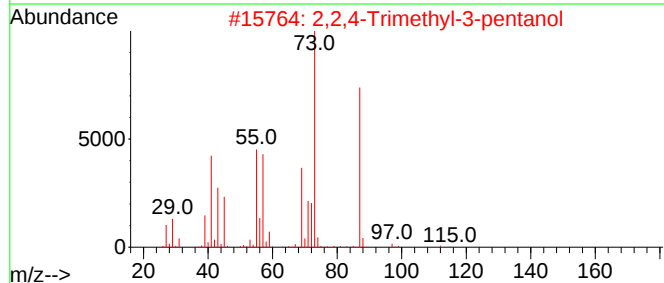
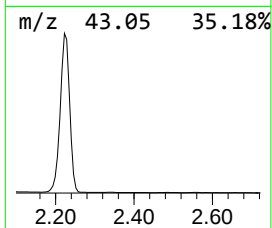
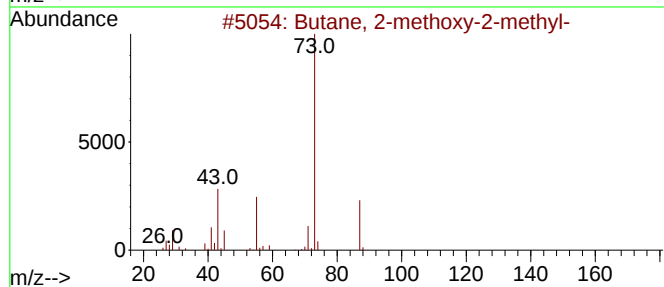
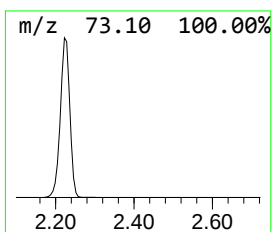
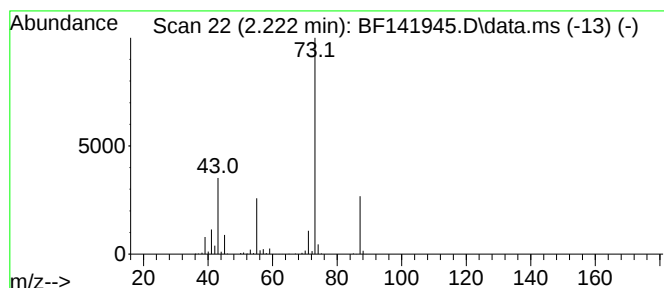
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.222	46.40 ng	2369730	1,4-Dichlorobenzene-d4	6.875

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	39
3			Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	25
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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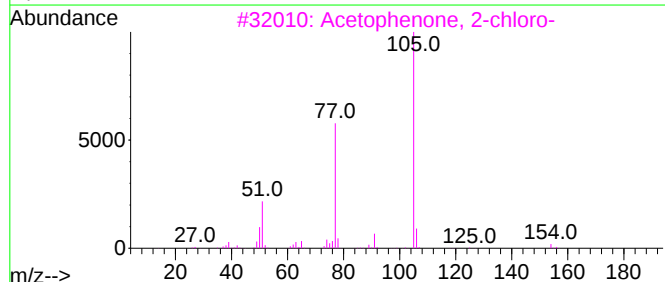
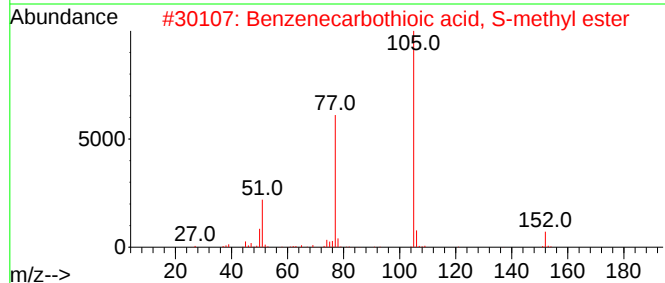
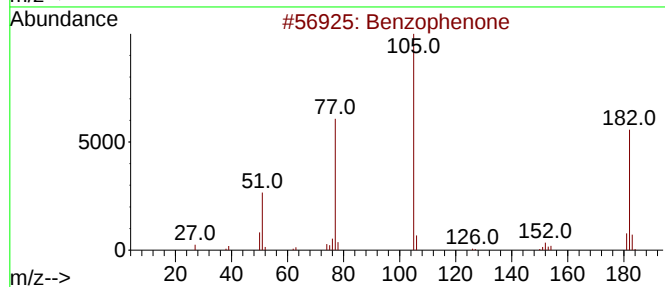
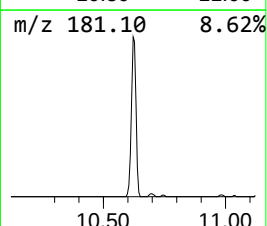
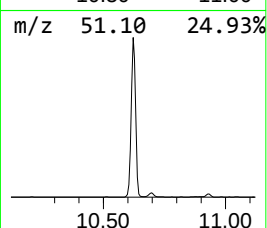
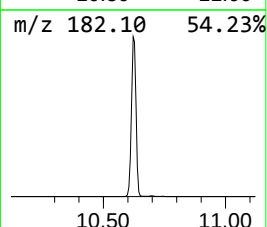
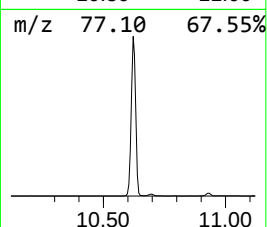
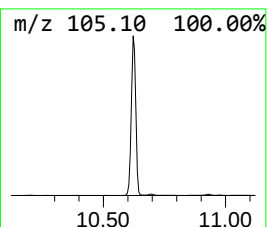
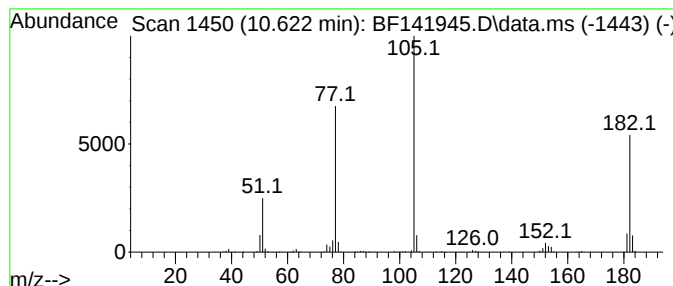
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.621	12.75 ng	1099040	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	52
3			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4			Vinyl benzoate	148	C9H8O2	000769-78-8	47
5			Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47



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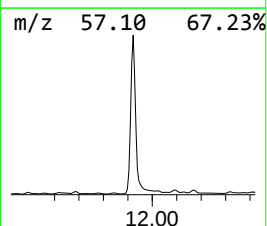
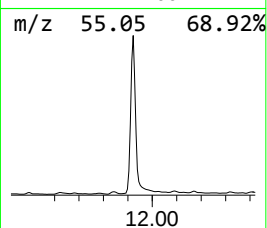
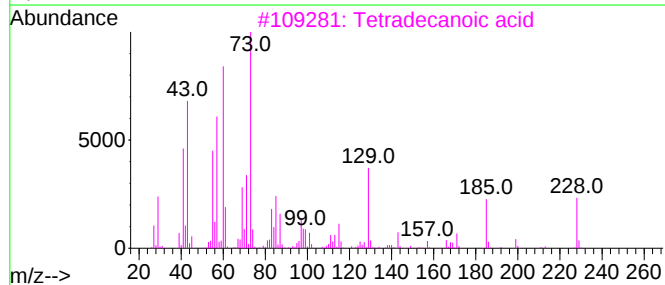
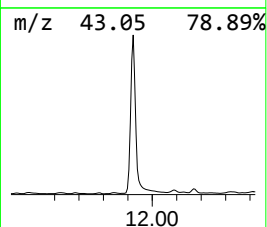
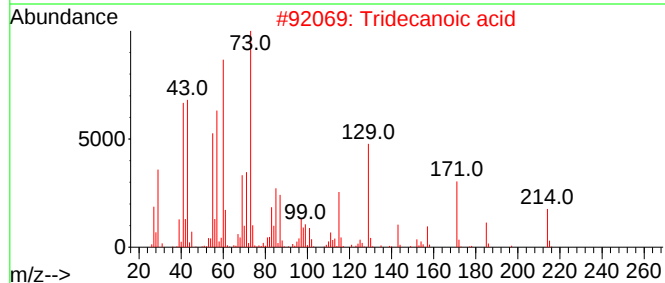
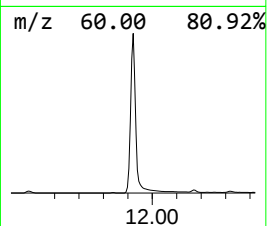
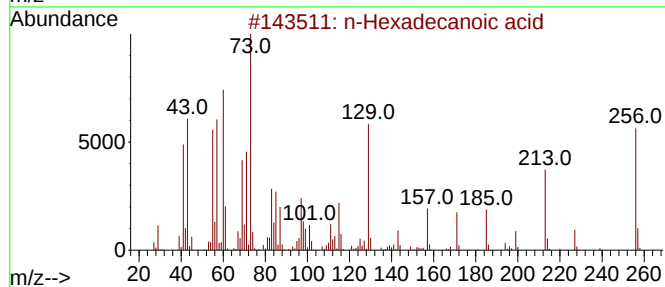
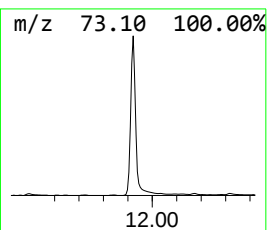
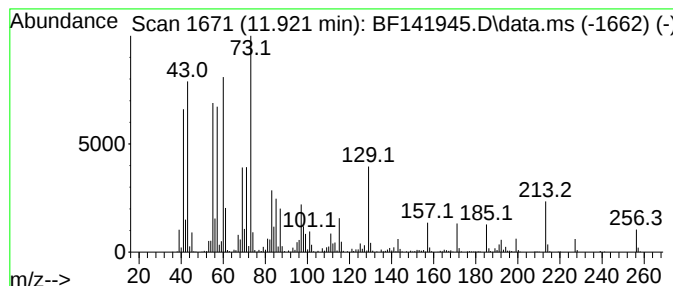
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	15.10 ng	1393260	Phenanthrene-d10	11.392

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5		n-Decanoic acid	172	C10H20O2	000334-48-5	76



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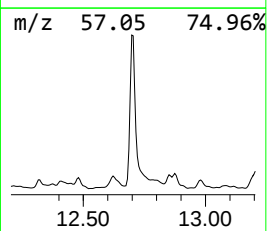
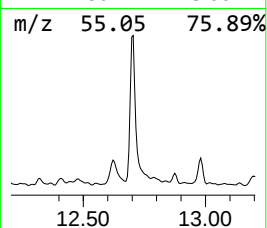
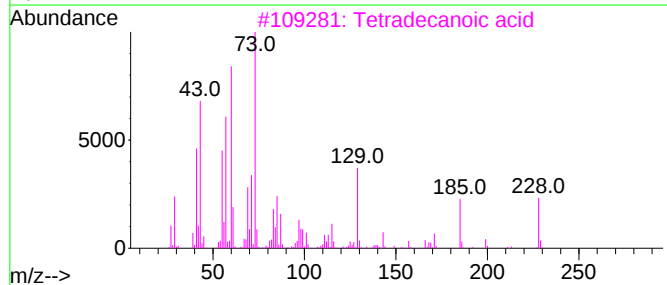
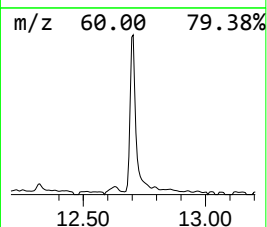
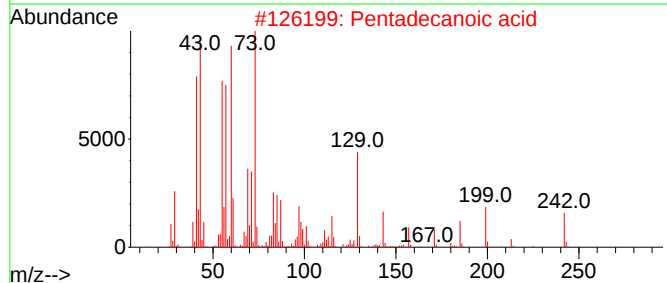
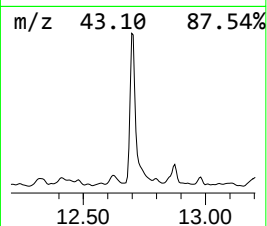
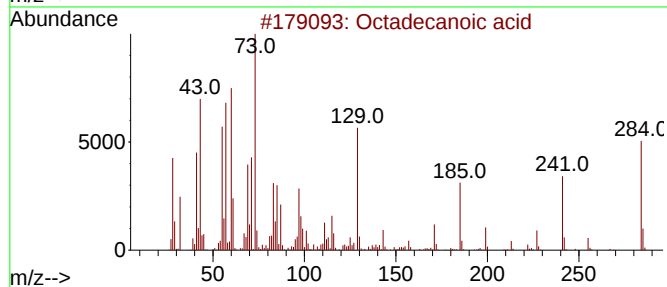
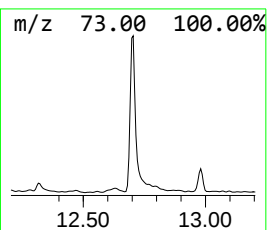
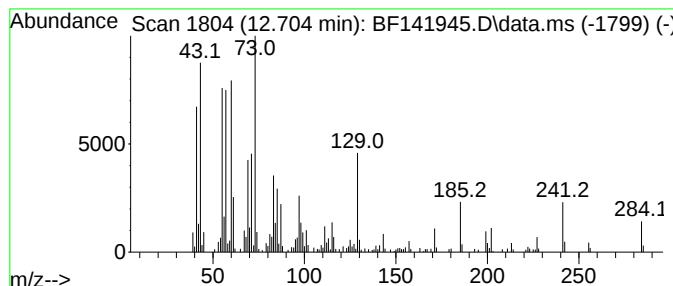
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.704	3.10 ng	285776	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72



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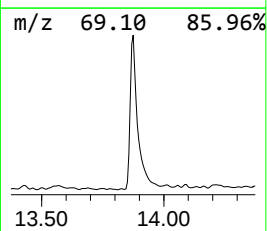
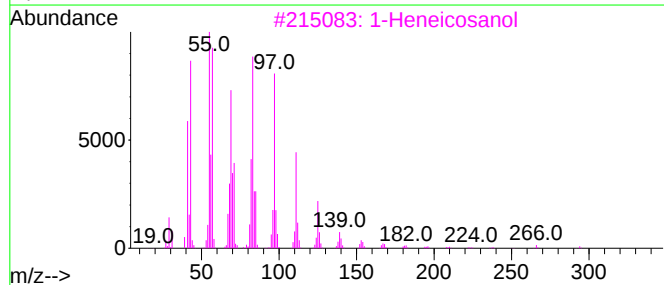
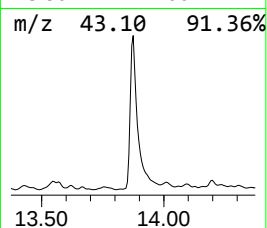
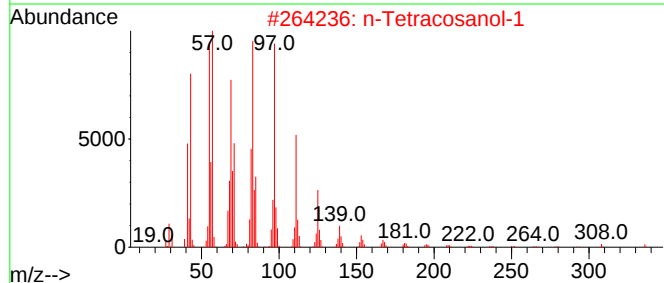
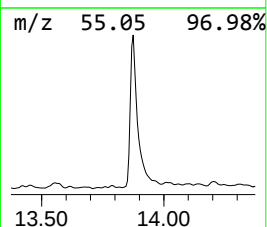
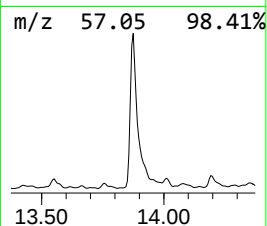
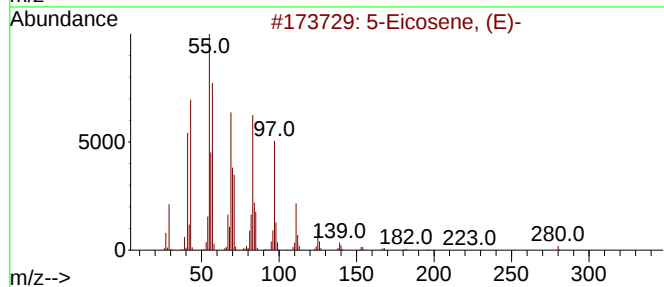
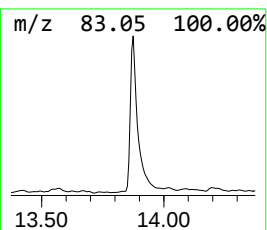
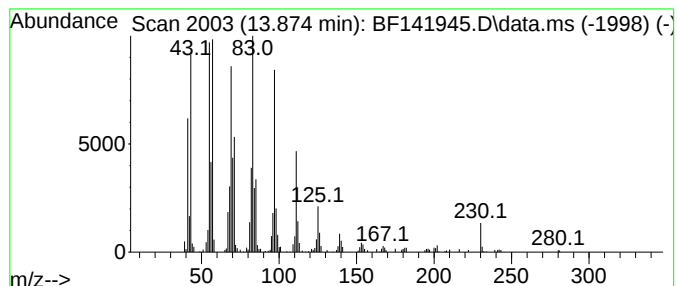
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TIC Library : C:\Database\NIST20.L
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Peak Number 6 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	6.53 ng	427487	Chrysene-d12	14.027

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2			n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3			1-Heneicosanol	312	C21H44O	015594-90-8	95
4			Cyclopentadecane	210	C15H30	000295-48-7	95
5			n-Nonadecanol-1	284	C19H40O	001454-84-8	95



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.222	46.4	ng	2369730	1	6.875	1021350	20.0
Benzophenone	10.621	12.8	ng	1099040	3	9.910	1723530	20.0
n-Hexadecanoic ...	11.922	15.1	ng	1393260	4	11.392	1845720	20.0
Octadecanoic acid	12.704	3.1	ng	285776	4	11.392	1845720	20.0
5-Eicosene, (E)-	13.874	6.5	ng	427487	5	14.027	1309870	20.0