LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143383.D
Acq On : 14 Aug 2025 15:56
Operator : RC/JU
Sample : Q2814-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-82H-E

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-BF081225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143383.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.257	3	11	29	rVB	2218536	3608721	100.00%	18.420%
2	5.157	497	504	521	rVB	236946	331623	9.19%	1.693%
3	5.563	568	573	594	rBV	1062584	1461082	40.49%	7.458%
4	6.557	737	742	763	rBV	963581	1329397	36.84%	6.786%
5	6.934	800	806	812	rBV	694013	874697	24.24%	4.465%
6	7.487	894	900	911	rBV	896175	1175796	32.58%	6.002%
7	8.210	1018	1023	1042	rBV	834733	1146403	31.77%	5.852%
8	9.286	1200	1206	1217	rBV	1592802	2039614	56.52%	10.411%
9	9.969	1316	1322	1335	rBV	1002346	1261726	34.96%	6.440%
10	10.675	1437	1442	1451	rBV	430167	559316	15.50%	2.855%
11	10.757	1451	1456	1471	rVV	856708	1142893	31.67%	5.834%
12	11.457	1569	1575	1590	rBV	875125	1156093	32.04%	5.901%
13	11.980	1659	1664	1679	rBV2	149295	275263	7.63%	1.405%
14	12.763	1792	1797	1811	rBV	36736	76329	2.12%	0.390%
15	13.039	1838	1844	1856	rBV	1244445	1641176	45.48%	8.377%
16	13.939	1992	1997	2010	rBV	60559	137062	3.80%	0.700%
17	14.098	2018	2024	2034	rVB	490520	665062	18.43%	3.395%
18	15.592	2272	2278	2291	rBV	412845	708599	19.64%	3.617%

Sum of corrected areas: 19590852

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ClientSampleId :
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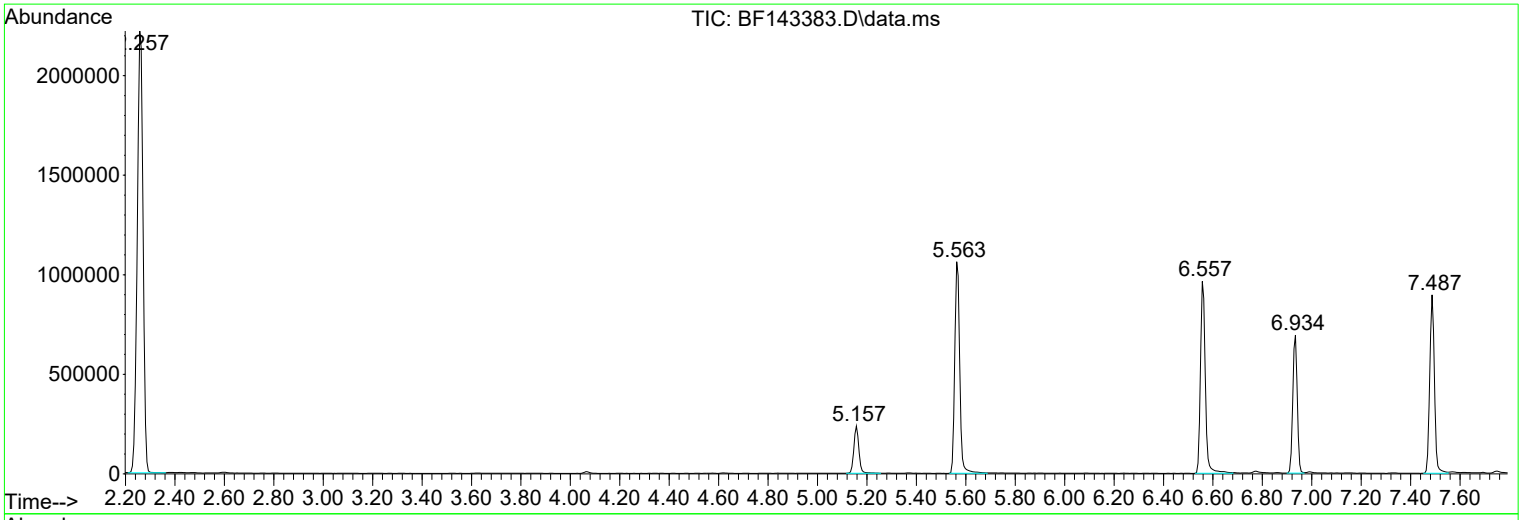
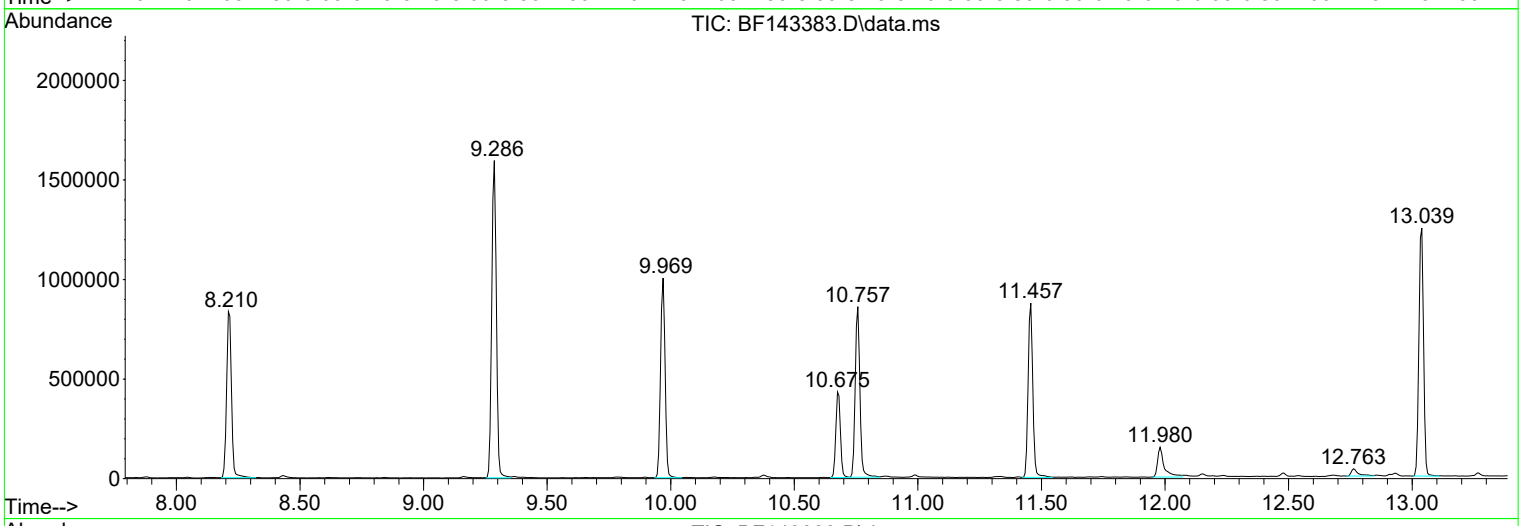
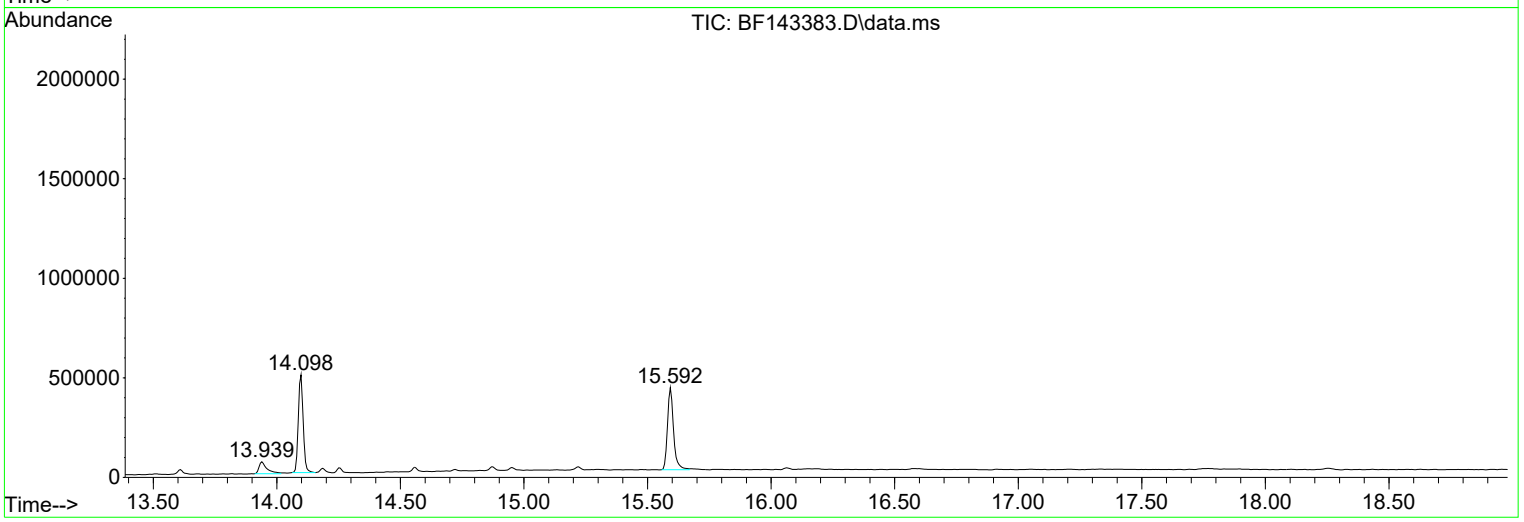
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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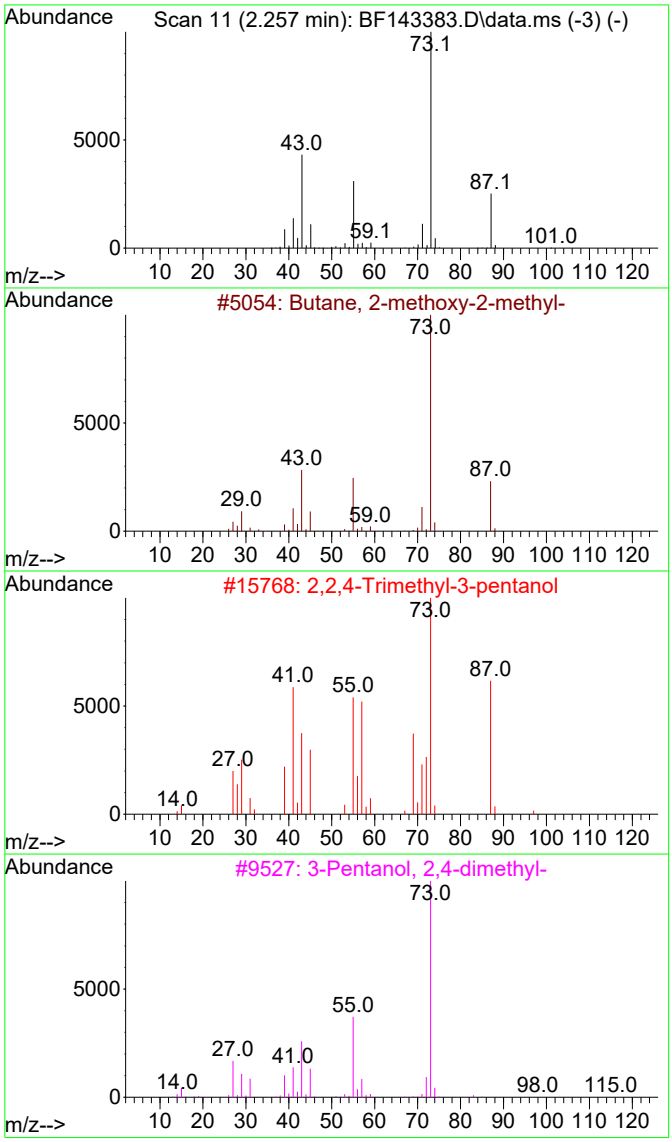
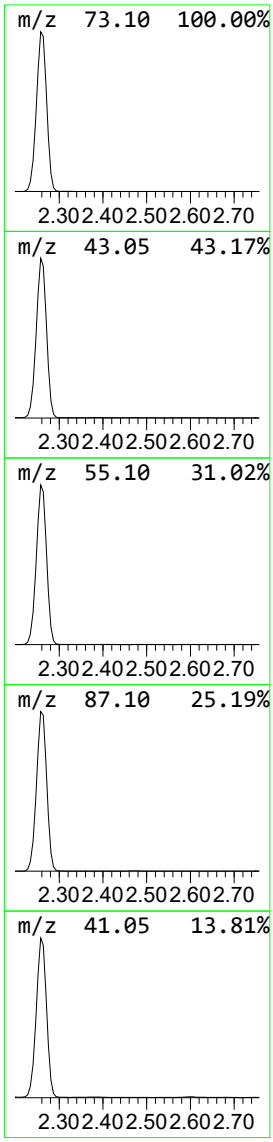
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.257	82.51 ng	3608720	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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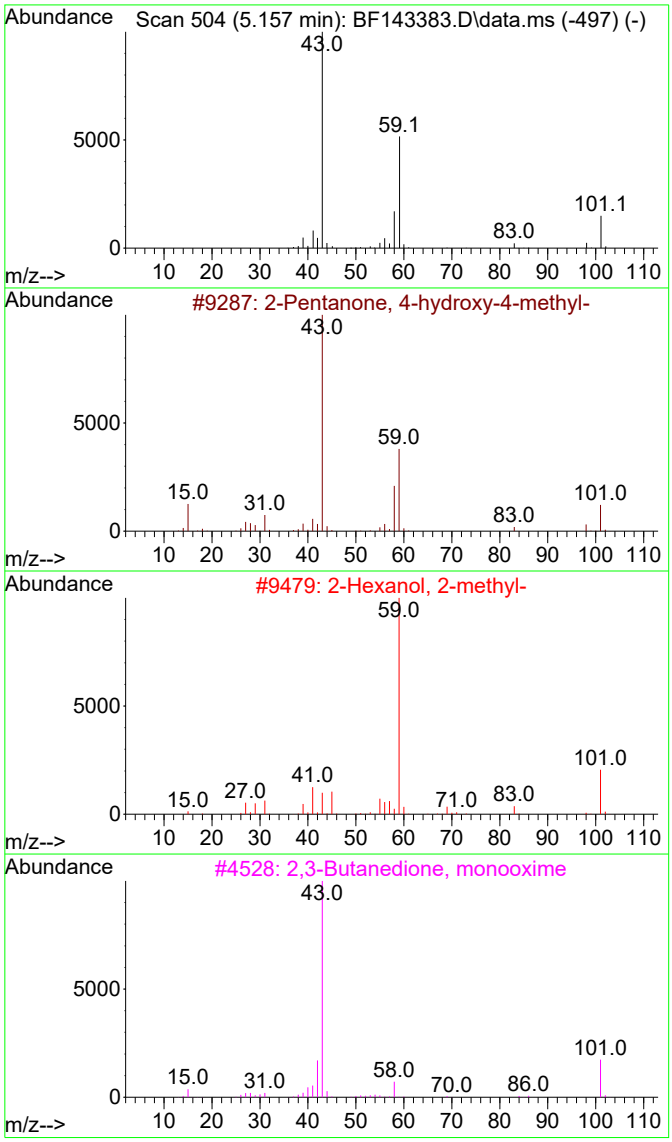
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

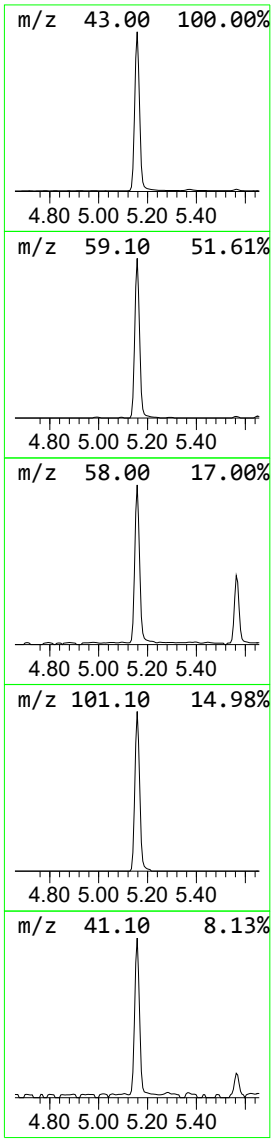
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.157	7.58 ng	331623	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	23
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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Sample : Q2814-05
Misc :
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BNA_F
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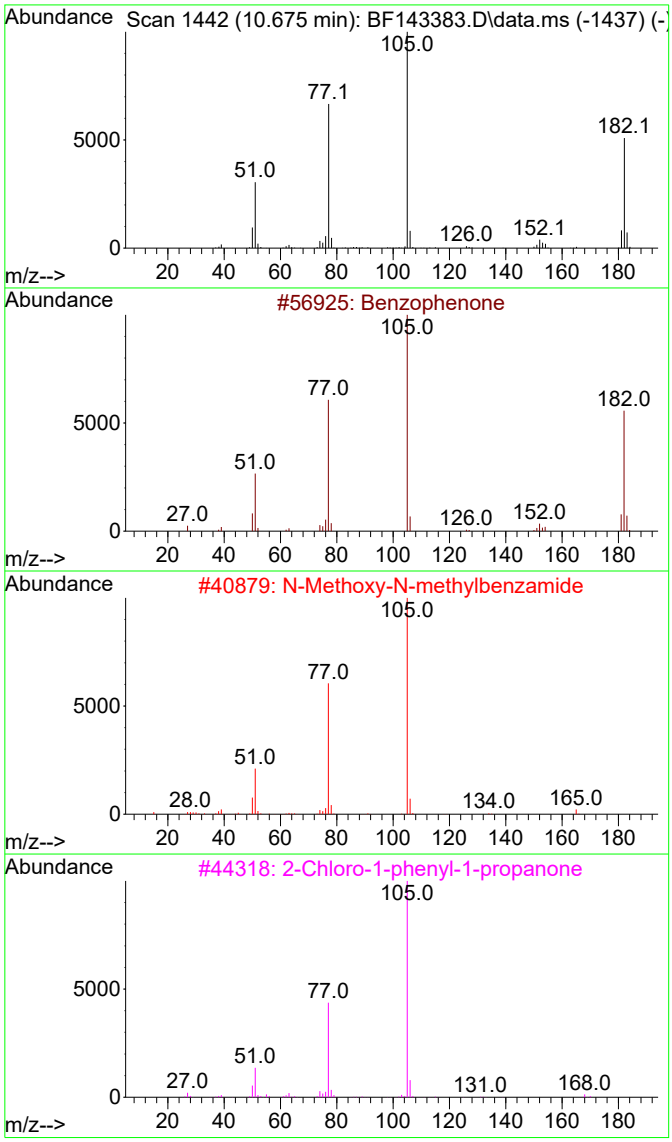
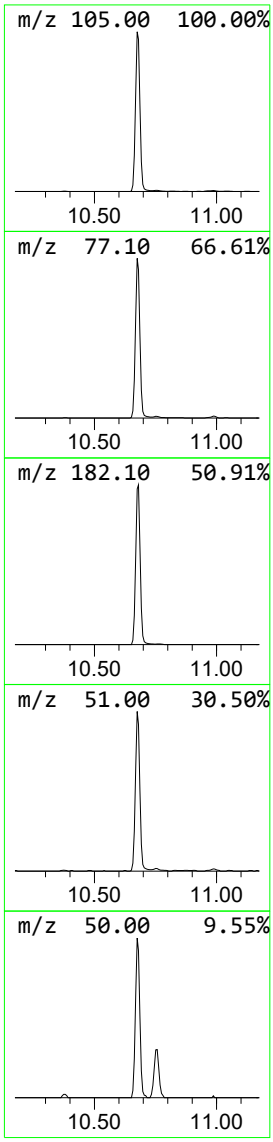
Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.675	8.87 ng	559316	Acenaphthene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	50
3	2-Chloro-1-phenyl-1-propanone	168	C9H9ClO	006084-17-9	50
4	5-Oxo-5-phenylpentanenitrile	173	C11H11NO	1000486-83-7	50
5	Benzeneacetic acid, .alpha.-oxo-...	178	C10H10O3	001603-79-8	50





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Misc :
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
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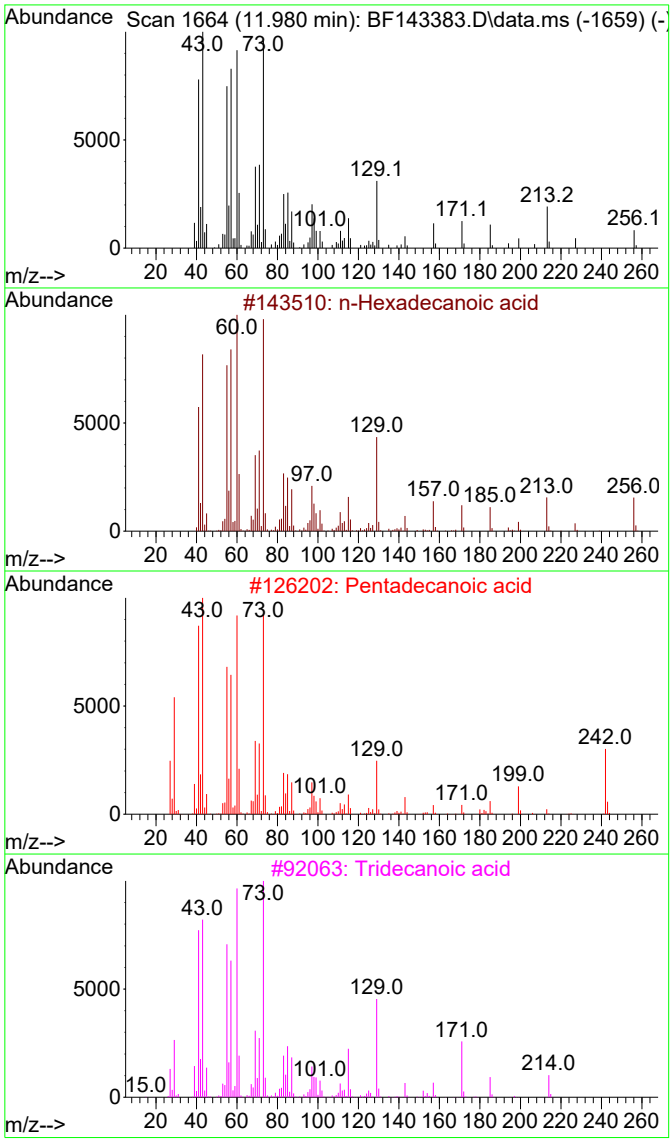
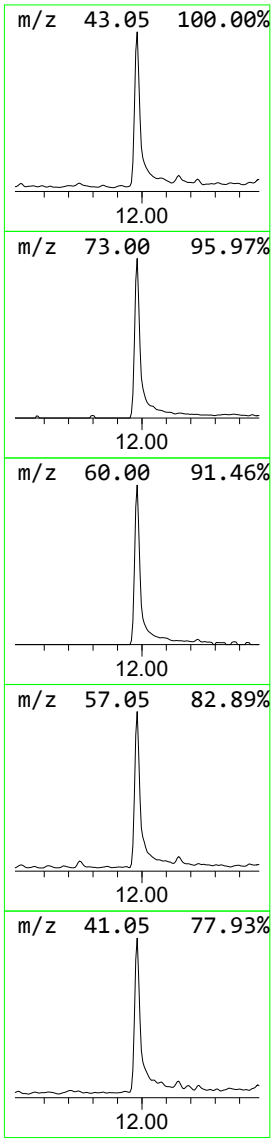
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	4.76 ng	275263	Phenanthrene-d10	11.457

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	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	52





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ALS Vial : 8 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
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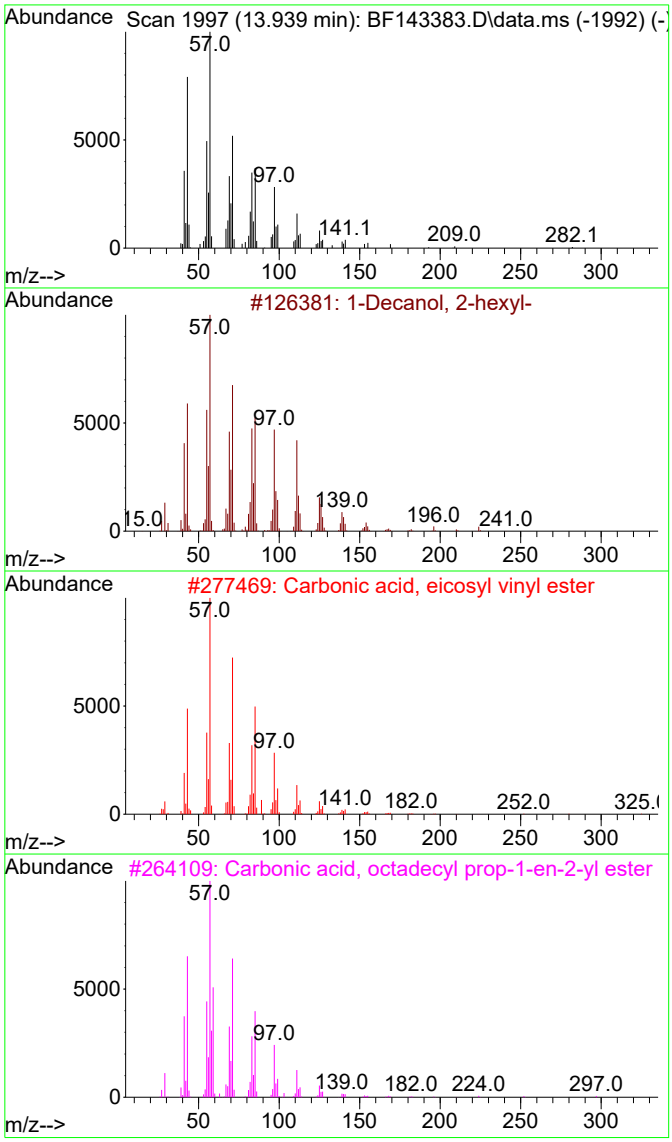
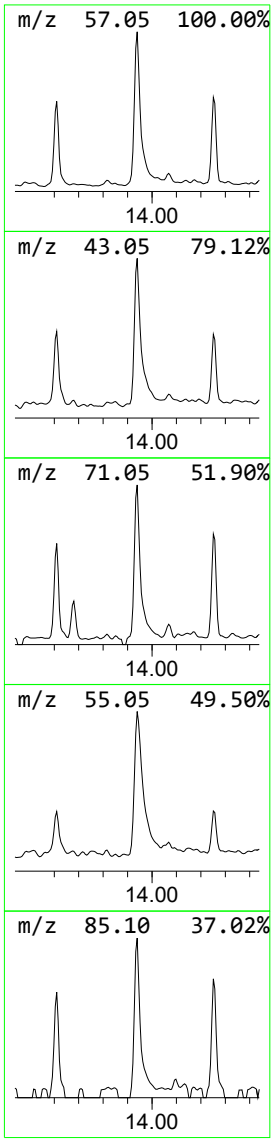
****

Peak Number 5 1-Decanol, 2-hexyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.939	4.12 ng	137062	Chrysene-d12	14.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
3	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	91
4	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	91
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	83





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.257	82.5	ng	3608720	1	6.934	874697	20.0
2-Pentanone, 4-...	5.157	7.6	ng	331623	1	6.934	874697	20.0
Benzophenone	10.675	8.9	ng	559316	3	9.969	1261730	20.0
n-Hexadecanoic ...	11.980	4.8	ng	275263	4	11.457	1156090	20.0
1-Decanol, 2-he...	13.939	4.1	ng	137062	5	14.098	665062	20.0