LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143409.D
Acq On : 15 Aug 2025 08:48
Operator : RC/JU
Sample : Q2815-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-88H-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: BF143409.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.281	6	15	31	rVB	2520702	4233510	100.00%	16.393%
2	5.163	498	505	516	rBV	309225	468036	11.06%	1.812%
3	5.569	568	574	593	rBV	1891748	2502671	59.12%	9.691%
4	6.563	737	743	769	rBV	1644277	2298468	54.29%	8.900%
5	6.934	801	806	814	rBV	675517	843496	19.92%	3.266%
6	7.487	894	900	912	rBV	1420993	1934909	45.70%	7.493%
7	8.210	1018	1023	1041	rVB	816684	1106498	26.14%	4.285%
8	9.286	1200	1206	1211	rBV	2629037	3371306	79.63%	13.055%
9	9.969	1316	1322	1333	rBV	960677	1220344	28.83%	4.726%
10	10.675	1435	1442	1450	rBV	306231	417103	9.85%	1.615%
11	10.757	1450	1456	1473	rBV	1348841	1803312	42.60%	6.983%
12	10.986	1491	1495	1502	rVB	33182	45559	1.08%	0.176%
13	11.457	1570	1575	1583	rBV	809190	1056889	24.96%	4.093%
14	11.980	1659	1664	1675	rBV2	76106	151652	3.58%	0.587%
15	13.039	1838	1844	1862	rBV	1878138	2436835	57.56%	9.436%
16	13.610	1936	1941	1950	rVB	33589	54918	1.30%	0.213%
17	13.939	1992	1997	2015	rBV3	45023	139339	3.29%	0.540%
18	14.098	2016	2024	2034	rVV	500082	699542	16.52%	2.709%
19	14.251	2046	2050	2055	rBV	33926	44588	1.05%	0.173%
20	14.557	2098	2102	2106	rBV	35179	43843	1.04%	0.170%
21	14.951	2165	2169	2175	rVB	31534	43431	1.03%	0.168%
22	15.215	2210	2214	2222	rBV	27880	42969	1.01%	0.166%
23	15.592	2272	2278	2291	rBV	514735	865117	20.43%	3.350%

Sum of corrected areas: 25824335

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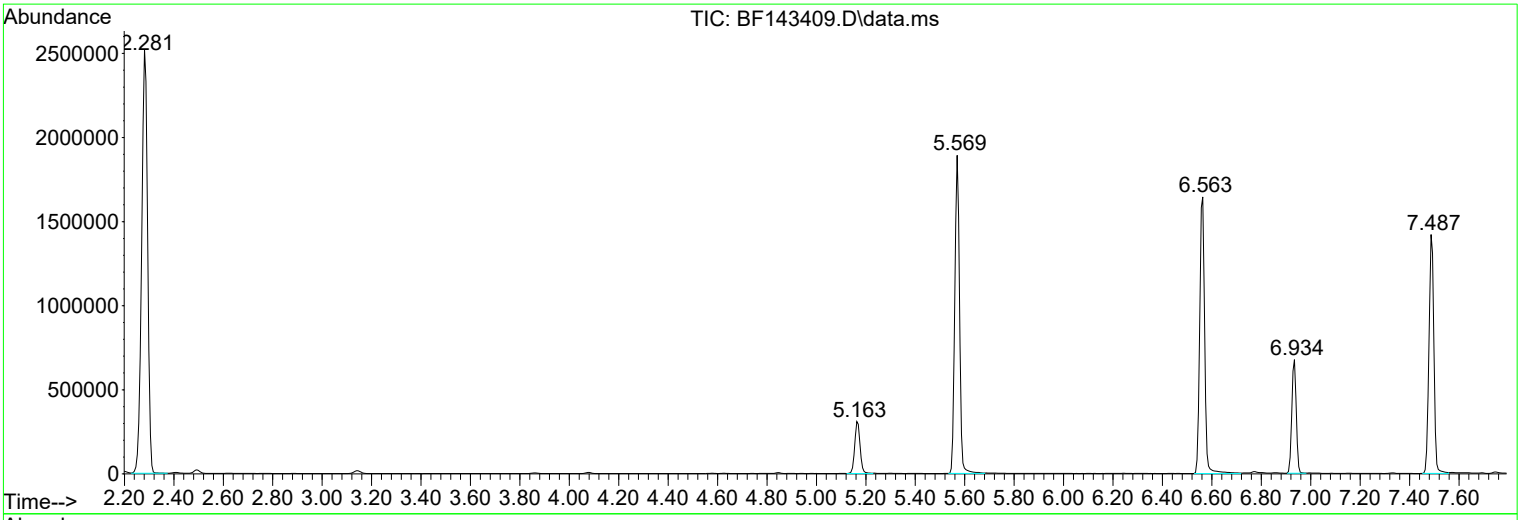
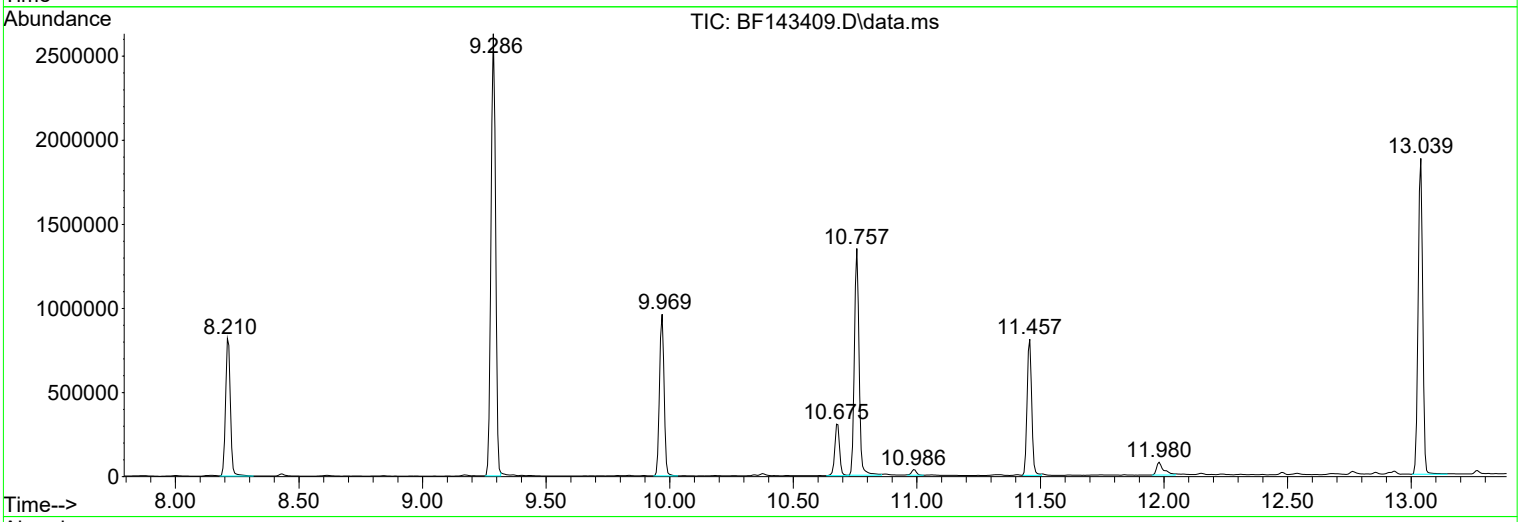
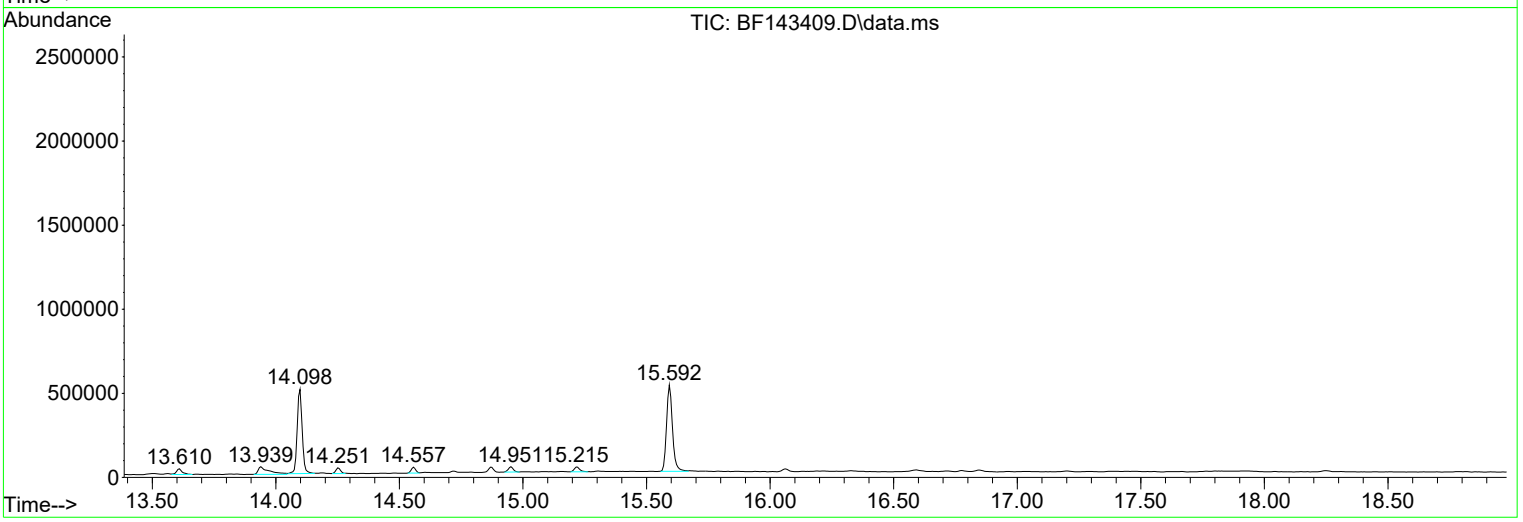
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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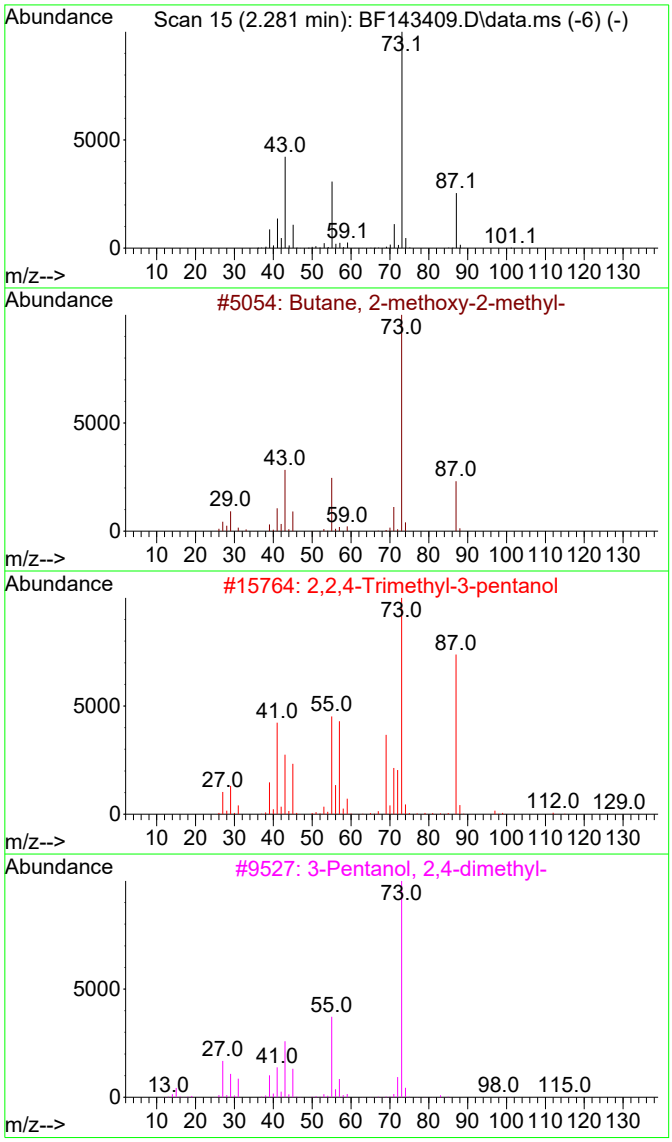
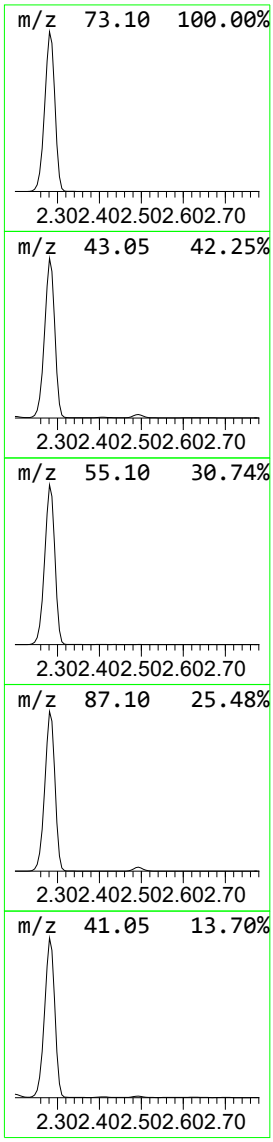
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.281	100.38 ng	4233510	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	39
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17





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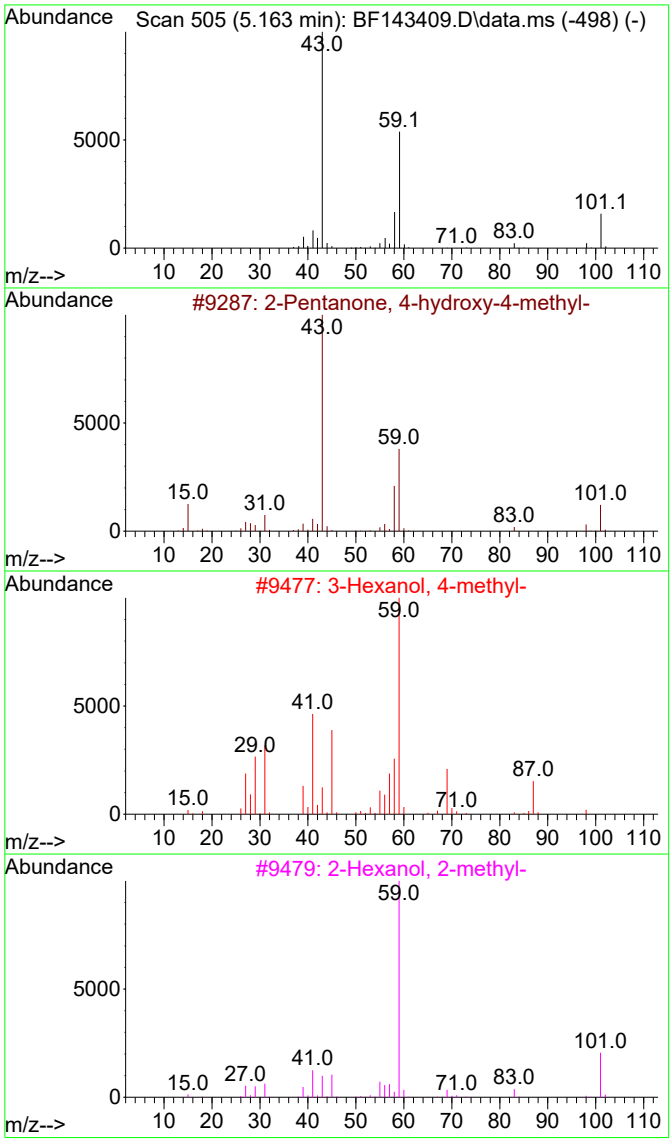
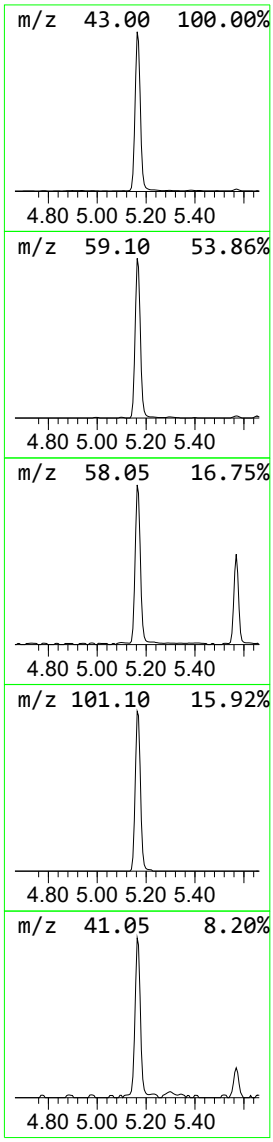
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.163	11.10 ng	468036	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	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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Sample : Q2815-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
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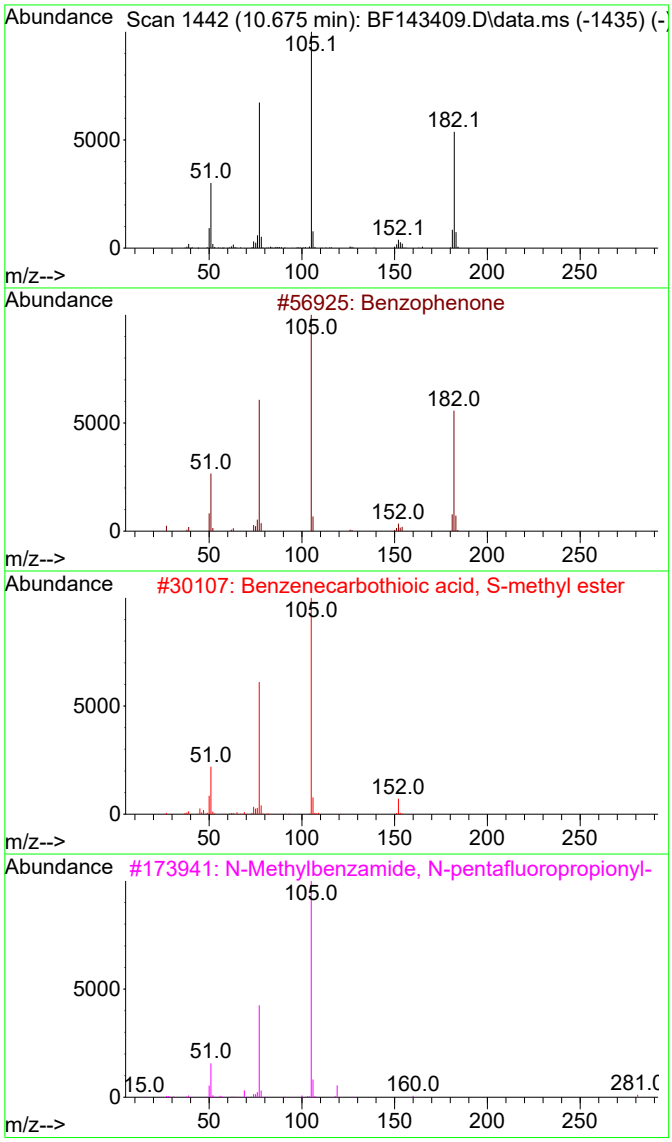
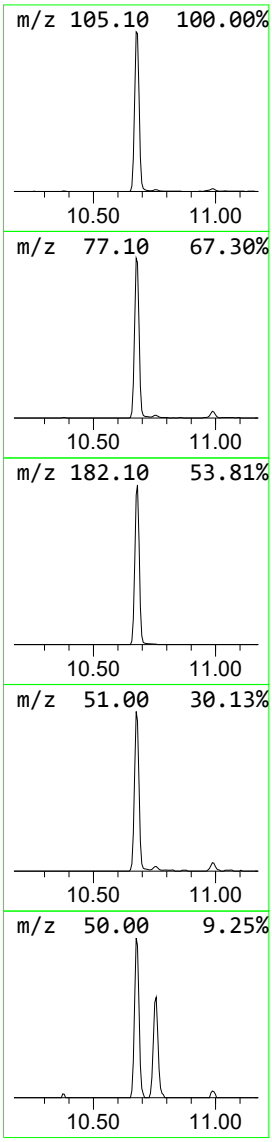
Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.675	6.84 ng	417103	Acenaphthene-d10	9.969

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	N-Methylbenzamide, N-pentafluoro...	281	C11H8F5NO2	1000446-98-1	50
4	Ethanone, 2-bromo-1,2-diphenyl-	274	C14H11BrO	001484-50-0	50
5	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	50





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Sample : Q2815-07
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
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

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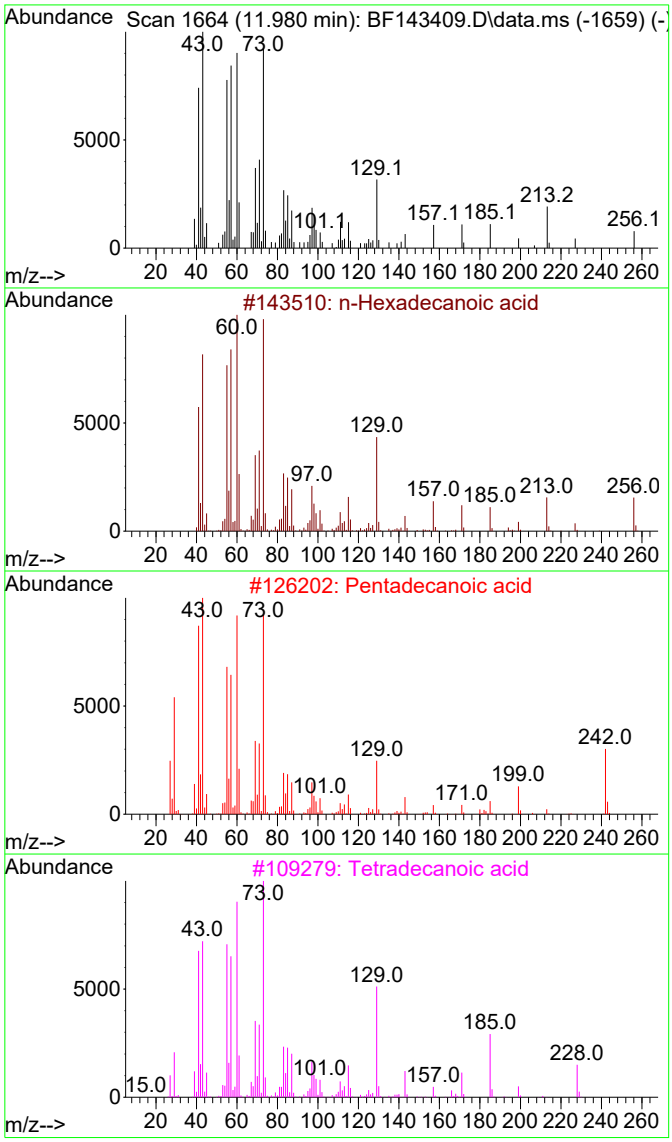
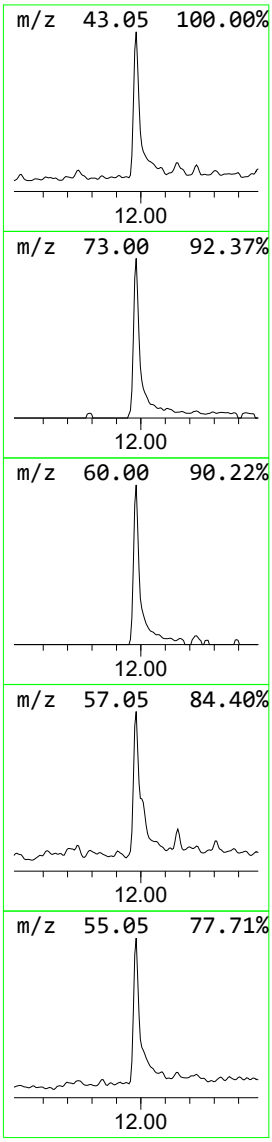
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	2.87 ng	151652	Phenanthrene-d10	11.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	18





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ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
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TIC Library : C:\Database\NIST20.L
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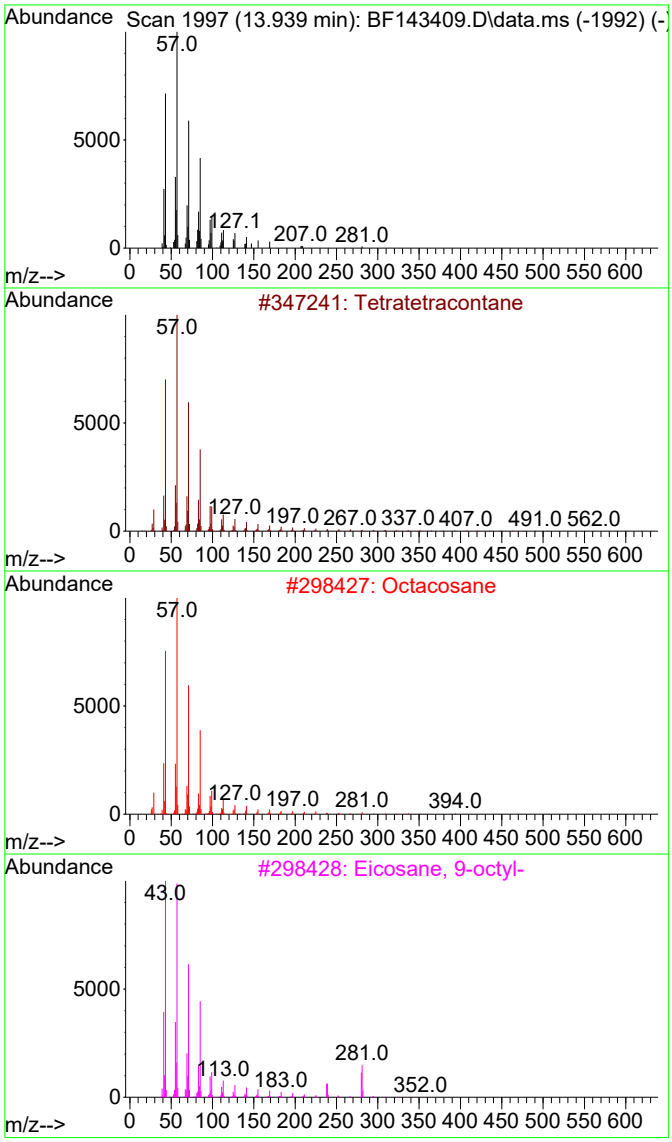
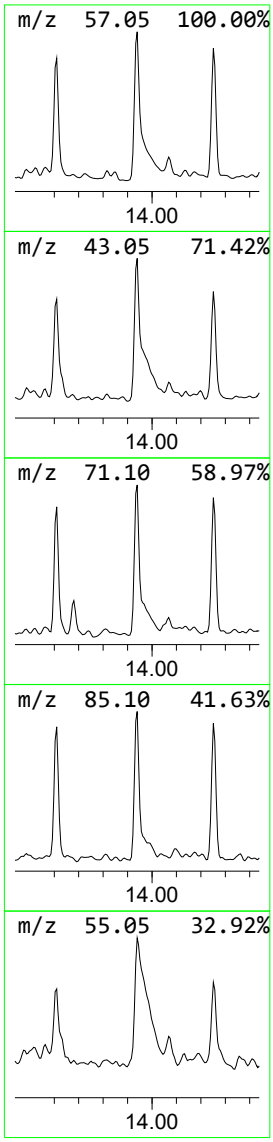
****

Peak Number 5 Tetratetracontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.939	3.98 ng	139339	Chrysene-d12	14.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Eicosane, 9-octyl-	394	C28H58	013475-77-9	91
4	Hentriacontane	437	C31H64	000630-04-6	91
5	Heneicosane	296	C21H44	000629-94-7	91





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.281	100.4	ng	4233510	1	6.934	843496	20.0
2-Pentanone, 4-...	5.163	11.1	ng	468036	1	6.934	843496	20.0
Benzophenone	10.675	6.8	ng	417103	3	9.969	1220340	20.0
n-Hexadecanoic ...	11.980	2.9	ng	151652	4	11.457	1056890	20.0
Tetratetracontane	13.939	4.0	ng	139339	5	14.098	699542	20.0