LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081425\
Data File : BF143385.D
Acq On : 14 Aug 2025 16:55
Operator : RC/JU
Sample : Q2814-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-518R-W

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: BF143385.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.269	4	13	27	rVB	2617349	4258413	88.32%	13.251%
2	5.163	498	505	521	rVB	313101	464981	9.64%	1.447%
3	5.569	568	574	593	rBV	2194697	2900735	60.16%	9.026%
4	6.563	737	743	770	rBV	1710955	2346972	48.68%	7.303%
5	6.934	801	806	812	rBV	722130	897720	18.62%	2.793%
6	7.492	894	901	906	rBV	2057142	2890119	59.94%	8.993%
7	8.210	1018	1023	1040	rBV	865872	1175986	24.39%	3.659%
8	9.286	1200	1206	1217	rBV	3621289	4821350	100.00%	15.003%
9	9.969	1316	1322	1335	rBV	1043458	1310561	27.18%	4.078%
10	10.345	1381	1386	1390	rBV	91207	116862	2.42%	0.364%
11	10.680	1438	1443	1450	rBV	343282	430207	8.92%	1.339%
12	10.757	1450	1456	1472	rBV	2160268	2915866	60.48%	9.073%
13	10.986	1489	1495	1501	rBV	33670	51489	1.07%	0.160%
14	11.457	1569	1575	1590	rBV	922469	1218054	25.26%	3.790%
15	11.980	1659	1664	1687	rBV2	88828	191373	3.97%	0.596%
16	13.039	1838	1844	1849	rBV	3335141	4333995	89.89%	13.486%
17	13.939	1992	1997	2014	rVB2	45445	97869	2.03%	0.305%
18	14.098	2015	2024	2035	rBV	558368	815709	16.92%	2.538%
19	14.951	2165	2169	2176	rVB	47714	62641	1.30%	0.195%
20	15.592	2272	2278	2286	rBV	508754	835316	17.33%	2.599%

Sum of corrected areas: 32136218

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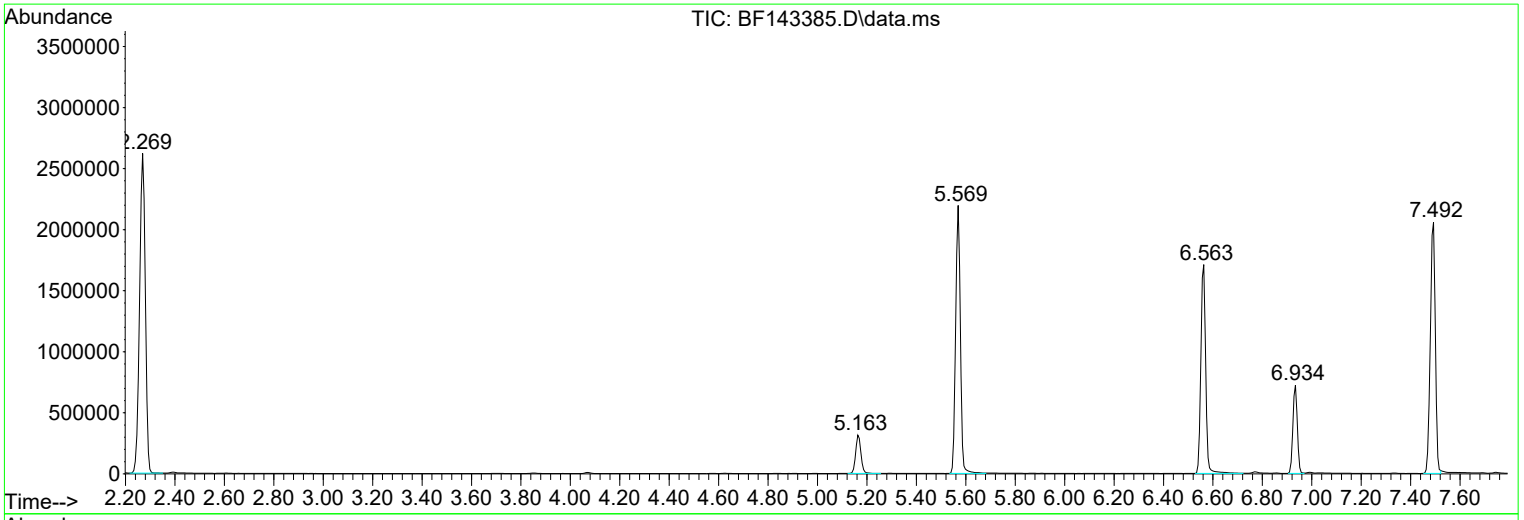
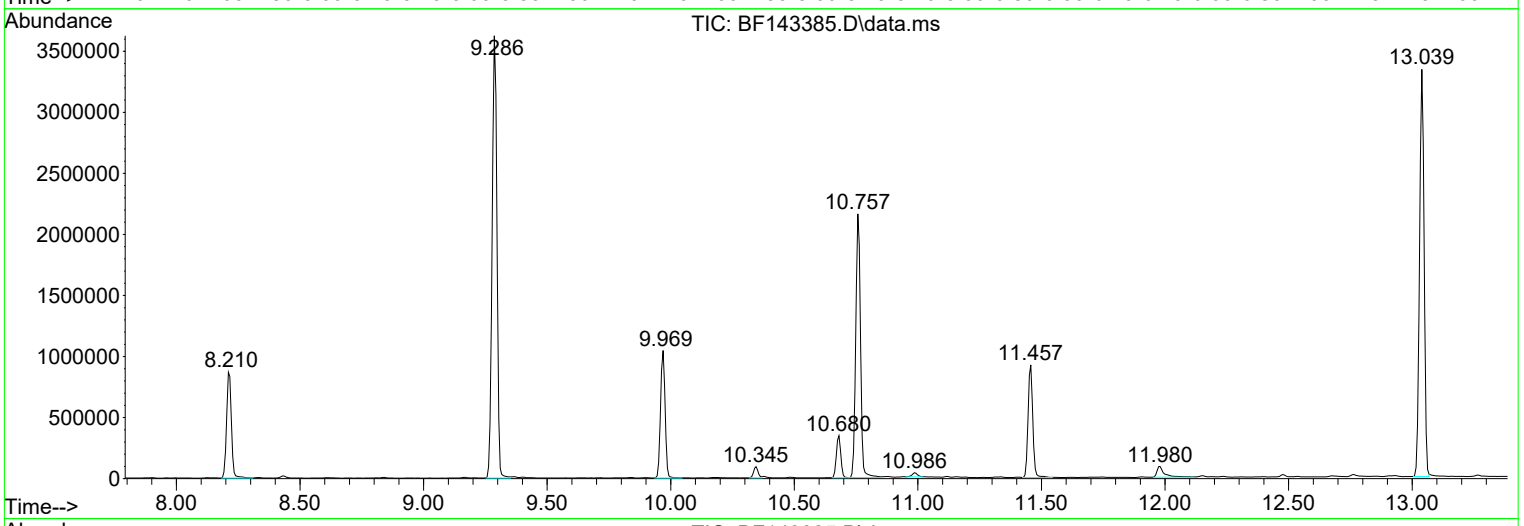
ALS Vial : 10 Sample Multiplier: 1

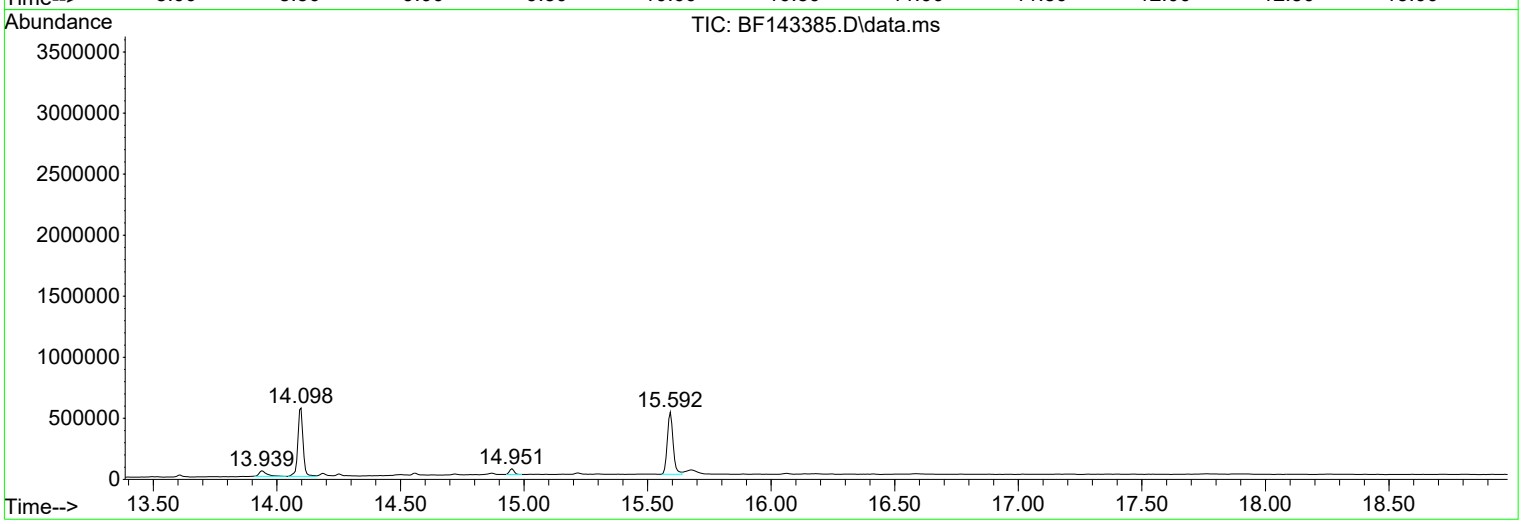
Instrument :
BNA_F
ClientSampleId :
TW-518R-W

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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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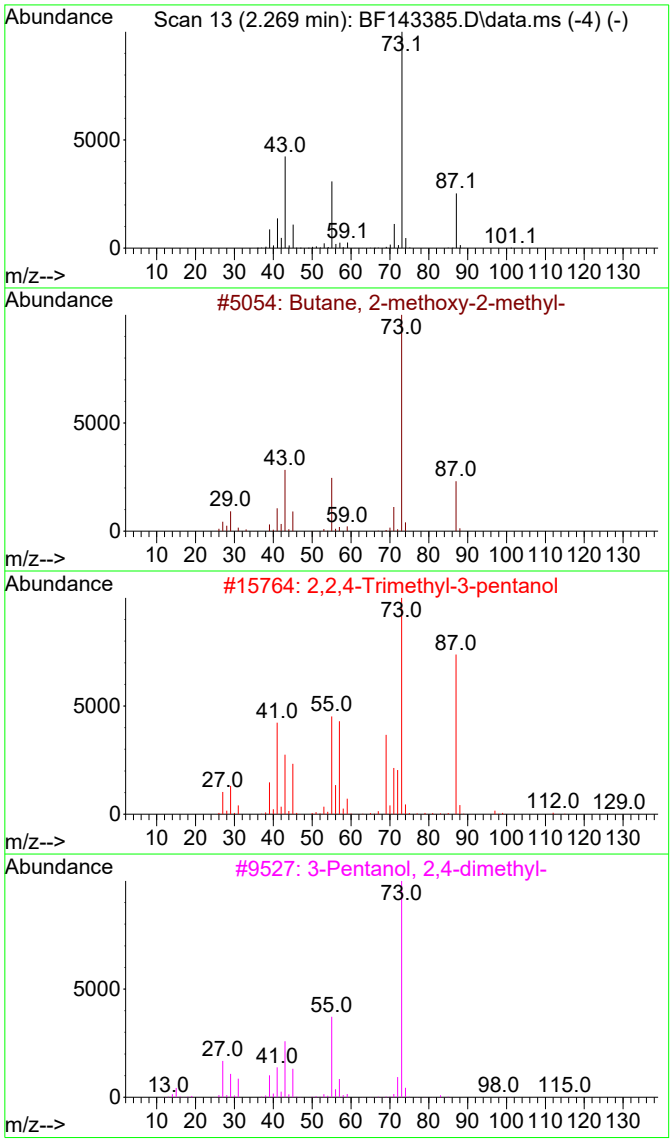
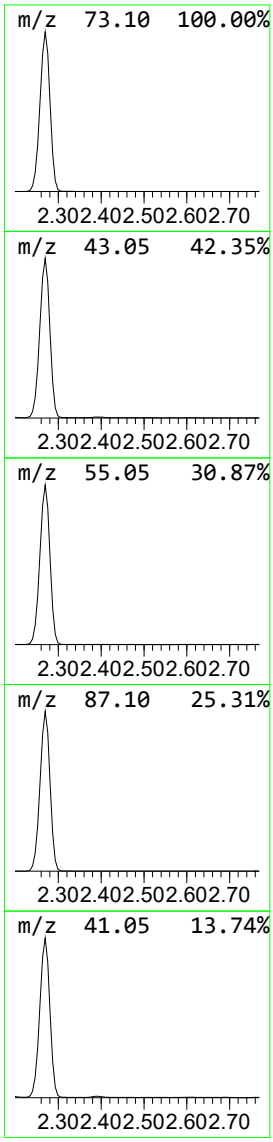
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.269	94.87 ng	4258410	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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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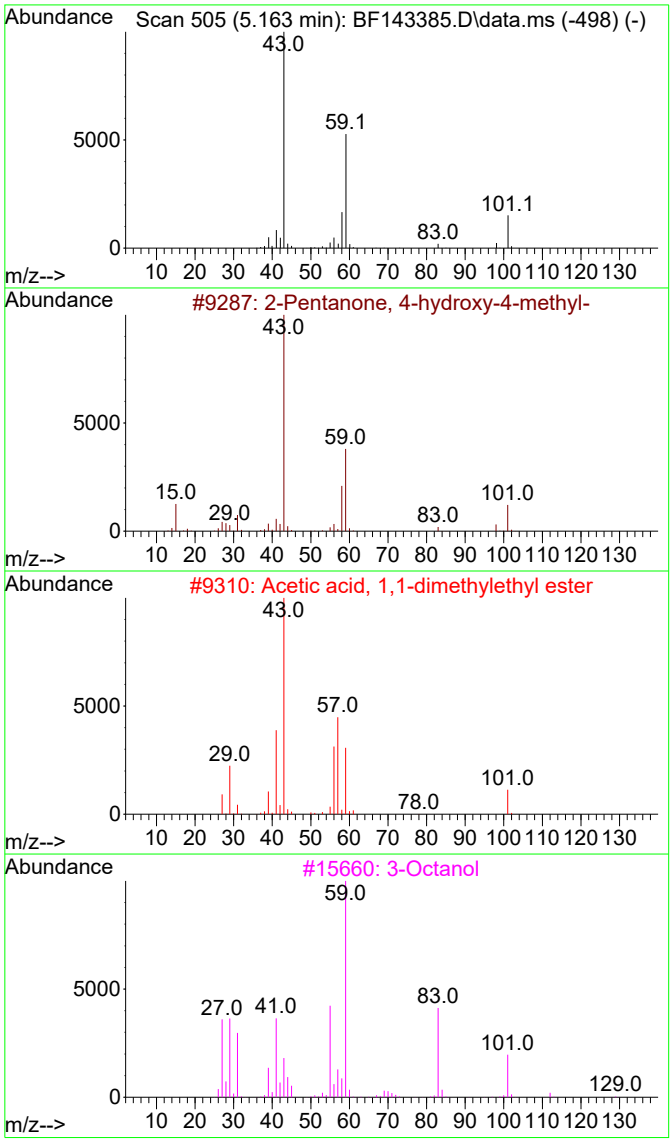
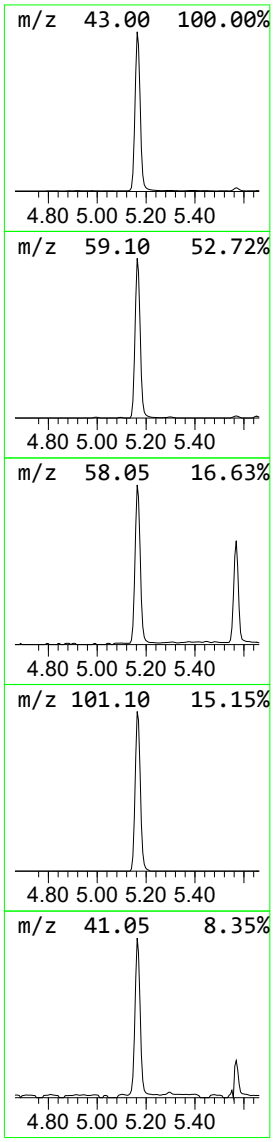
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.163	10.36 ng	464981	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	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	3-Octanol	130	C8H18O	000589-98-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33





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Data File : BF143385.D
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Operator : RC/JU
Sample : Q2814-20
Misc :
ALS Vial : 10 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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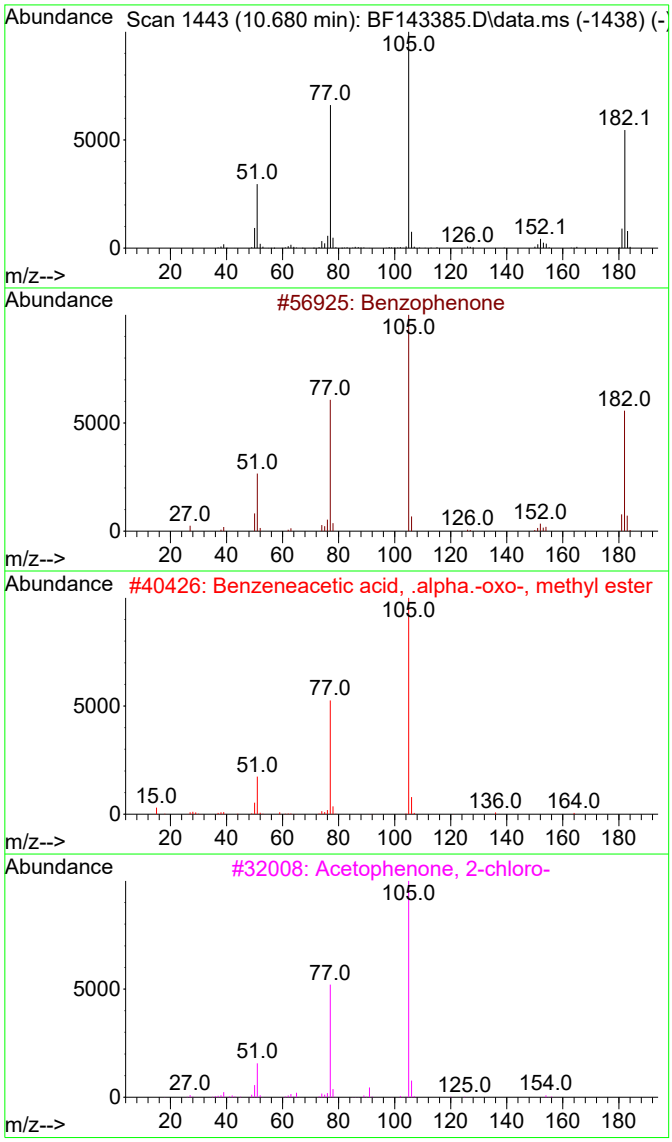
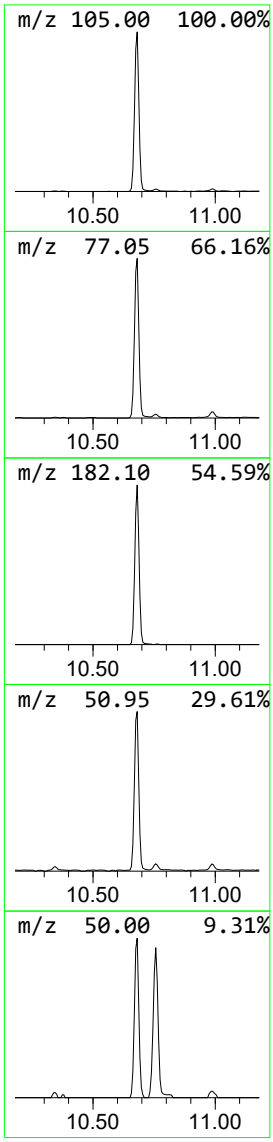
Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.680	6.57 ng	430207	Acenaphthene-d10	9.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	49
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	47
4	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	47
5	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47





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Sample : Q2814-20
Misc :
ALS Vial : 10 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

TIC Library : C:\Database\NIST20.L
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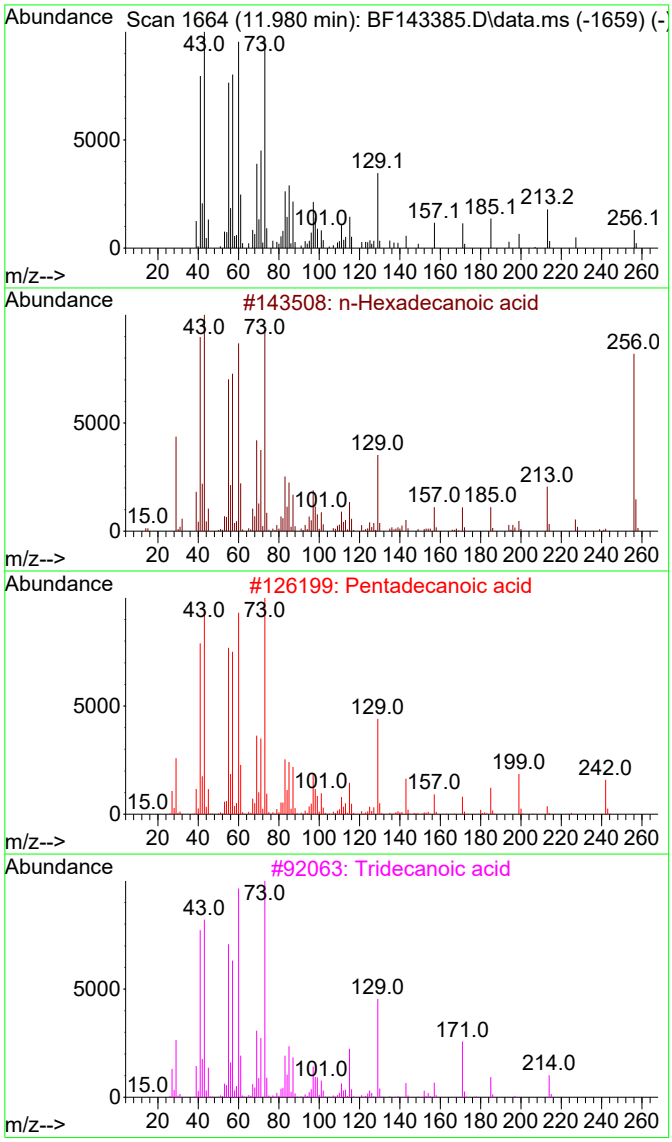
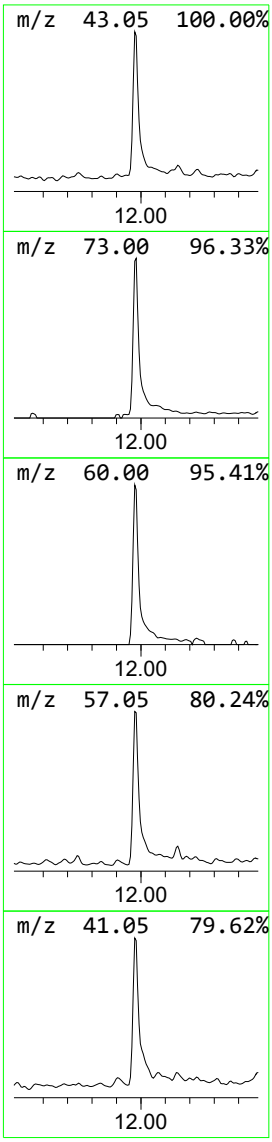
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.980	3.14 ng	191373	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	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	78





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Operator : RC/JU
Sample : Q2814-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
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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
TIC Integration Parameters: LSCINT.P

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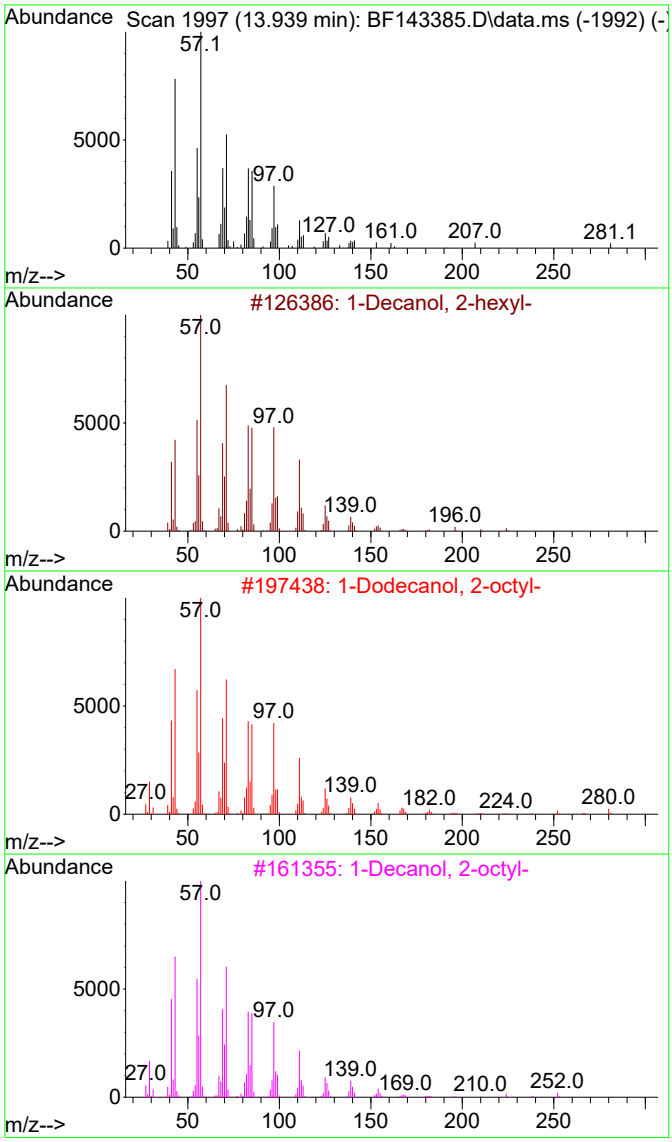
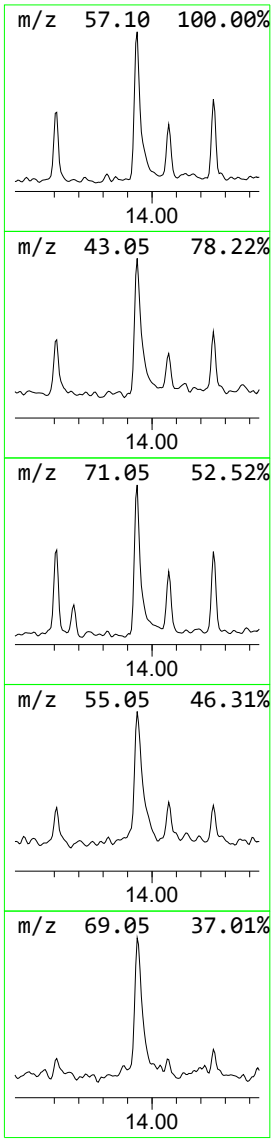
Peak Number 5 1-Decanol, 2-hexyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.939	2.40 ng	97869	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	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
3	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	91
4	Oxirane, [(hexadecyloxy)methyl]-	298	C19H38O2	015965-99-8	91
5	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	91





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...	2.269	94.9	ng	4258410	1	6.934	897720	20.0
2-Pentanone, 4-...	5.163	10.4	ng	464981	1	6.934	897720	20.0
Benzophenone	10.680	6.6	ng	430207	3	9.969	1310560	20.0
n-Hexadecanoic ...	11.980	3.1	ng	191373	4	11.457	1218050	20.0
1-Decanol, 2-he...	13.939	2.4	ng	97869	5	14.098	815709	20.0