LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072125\
Data File : BF143173.D
Acq On : 21 Jul 2025 15:58
Operator : RC/JU
Sample : Q2651-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH 7-6

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-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143173.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.299	11	18	26	rVB	618610	986660	38.17%	5.141%
2	5.193	503	510	523	rVB	176428	258404	10.00%	1.347%
3	5.587	571	577	582	rBV	1695875	2204136	85.27%	11.485%
4	6.581	739	746	751	rBV	1676204	2257880	87.35%	11.766%
5	6.963	805	811	816	rVB	622865	758261	29.33%	3.951%
6	7.516	899	905	910	rBV	1153623	1449370	56.07%	7.552%
7	8.240	1023	1028	1033	rBV	728351	931462	36.04%	4.854%
8	9.316	1205	1211	1216	rBV	2105356	2584850	100.00%	13.469%
9	9.998	1322	1327	1332	rBV	736503	893211	34.56%	4.654%
10	10.704	1442	1447	1452	rBV	159697	193556	7.49%	1.009%
11	10.781	1455	1460	1469	rBV	983320	1250603	48.38%	6.517%
12	11.016	1496	1500	1504	rVB	27900	34704	1.34%	0.181%
13	11.481	1574	1579	1587	rBV	598225	789226	30.53%	4.113%
14	12.004	1660	1668	1680	rBV	339769	525685	20.34%	2.739%
15	12.092	1680	1683	1694	rVB2	16457	38089	1.47%	0.198%
16	12.698	1781	1786	1791	rBV	27641	44424	1.72%	0.231%
17	12.786	1797	1801	1809	rBV	79558	126326	4.89%	0.658%
18	12.922	1820	1824	1832	rVB	46536	64443	2.49%	0.336%
19	13.069	1843	1849	1854	rBV	1579045	2083040	80.59%	10.854%
20	13.957	1996	2000	2010	rBV	176250	307252	11.89%	1.601%
21	14.122	2023	2028	2035	rBV	595691	798857	30.91%	4.163%
22	14.210	2040	2043	2050	rVB	40832	60188	2.33%	0.314%
23	15.627	2278	2284	2289	rBV	335461	550040	21.28%	2.866%

Sum of corrected areas: 19190667

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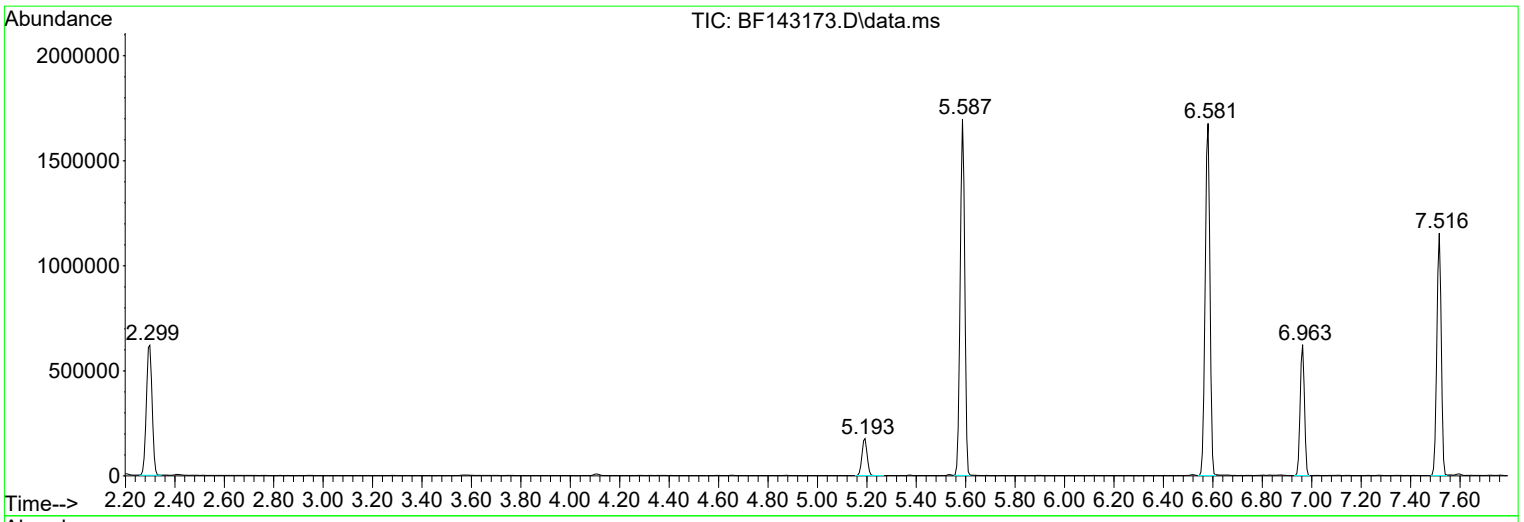
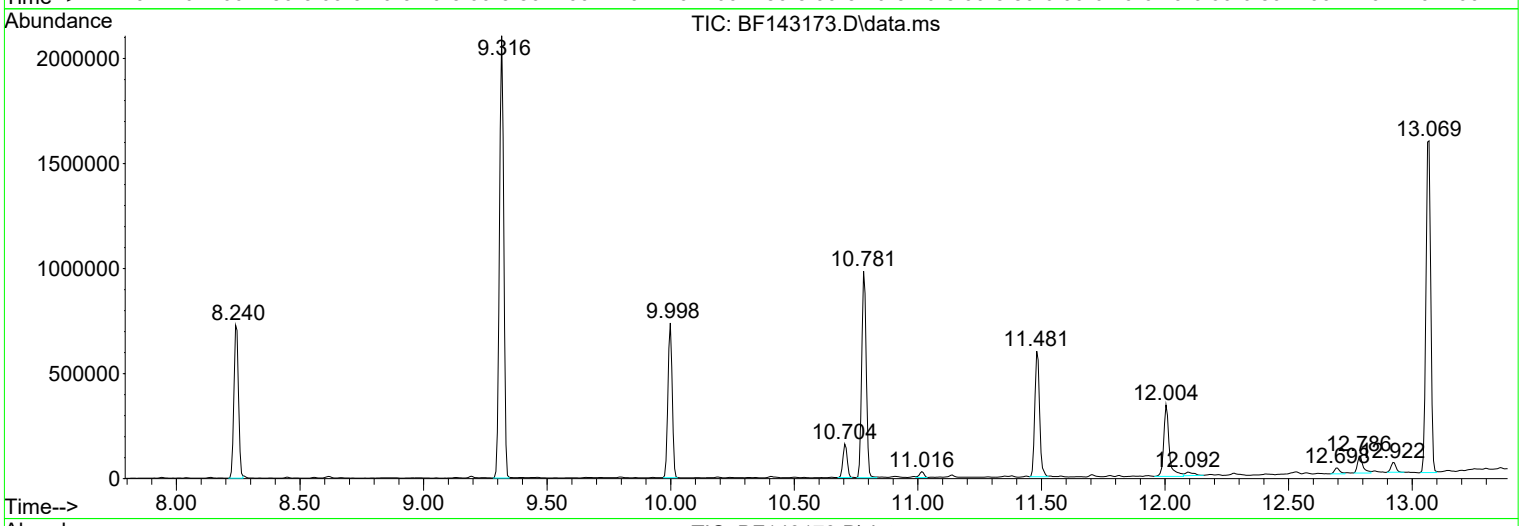
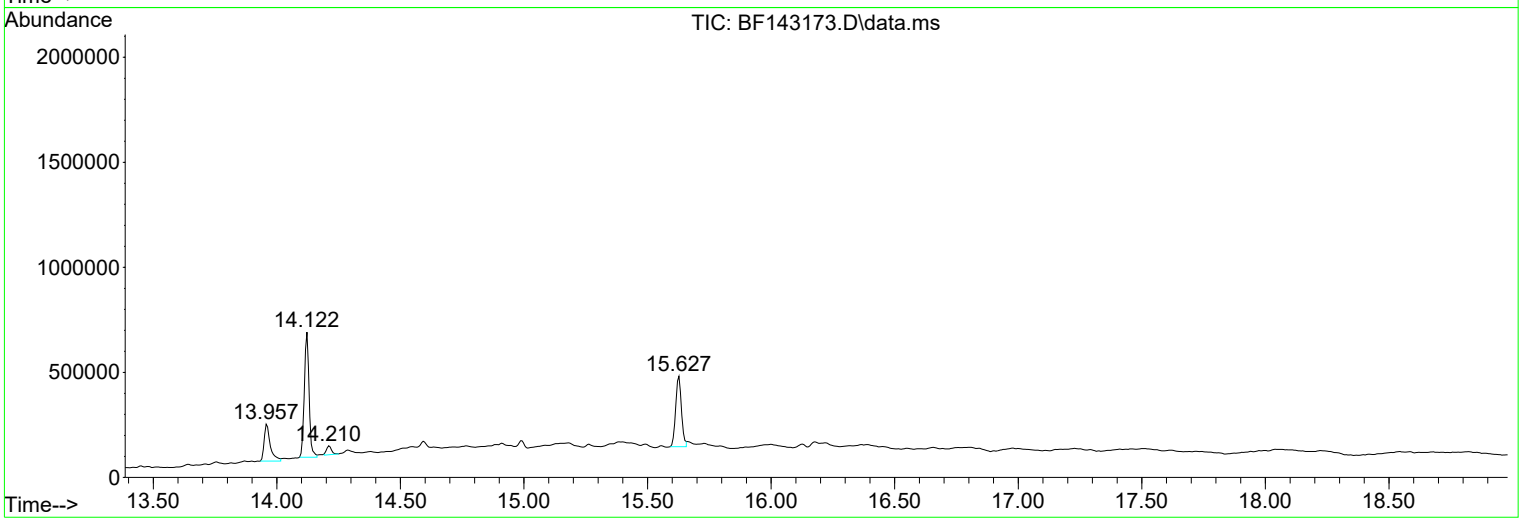
ClientSampleId :
MH 7-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.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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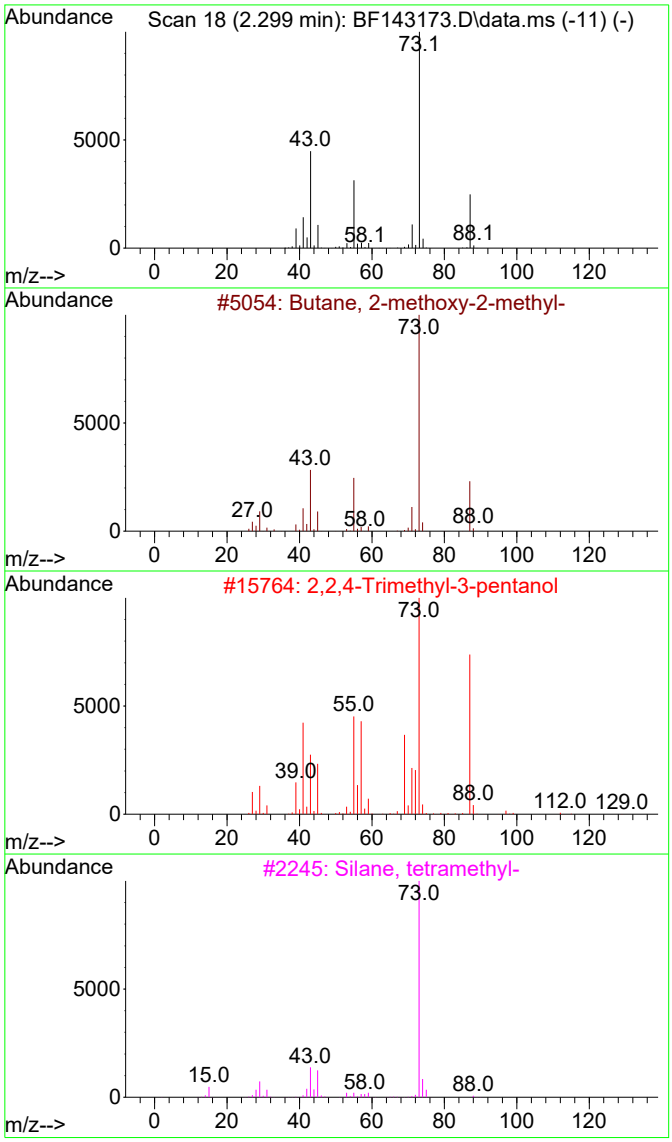
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

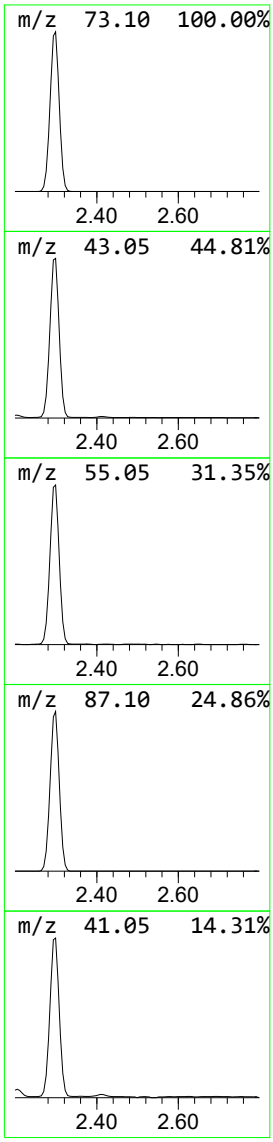
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.299	26.02 ng	986660	1,4-Dichlorobenzene-d4	6.963

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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23





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Instrument :
BNA_F
ClientSampleId :
MH 7-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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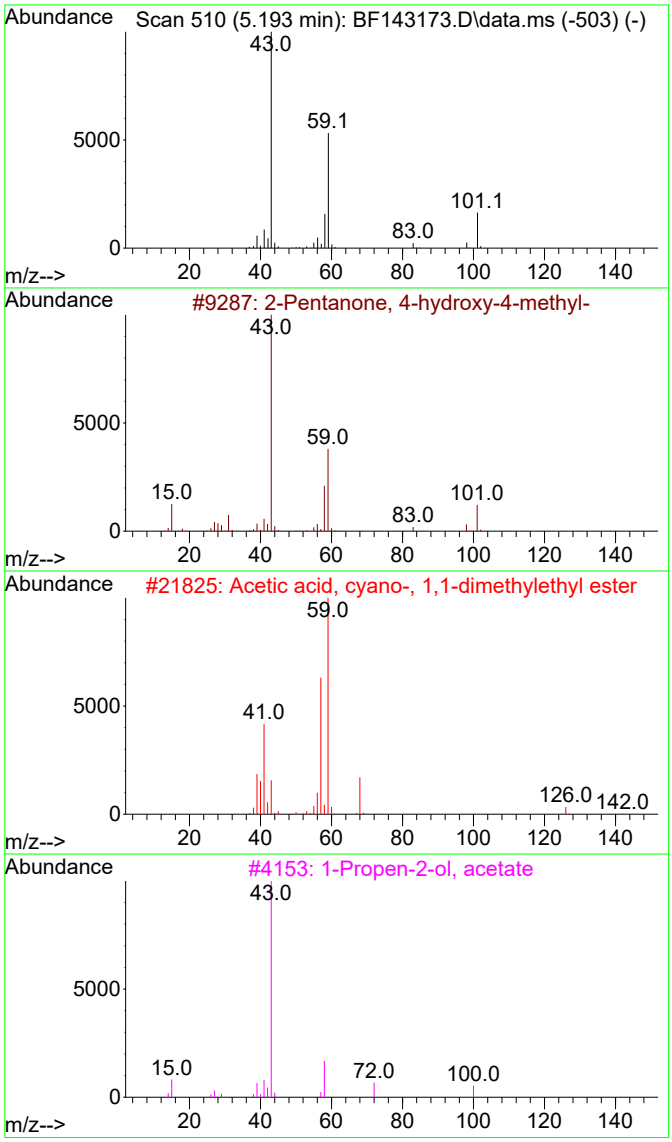
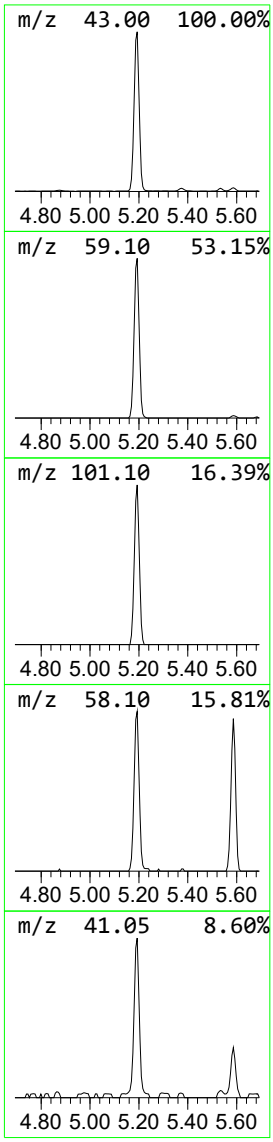
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.193	6.82 ng	258404	1,4-Dichlorobenzene-d4	6.963

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
5	Butane	58	C4H10	000106-97-8	9





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Operator : RC/JU
Sample : Q2651-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH 7-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
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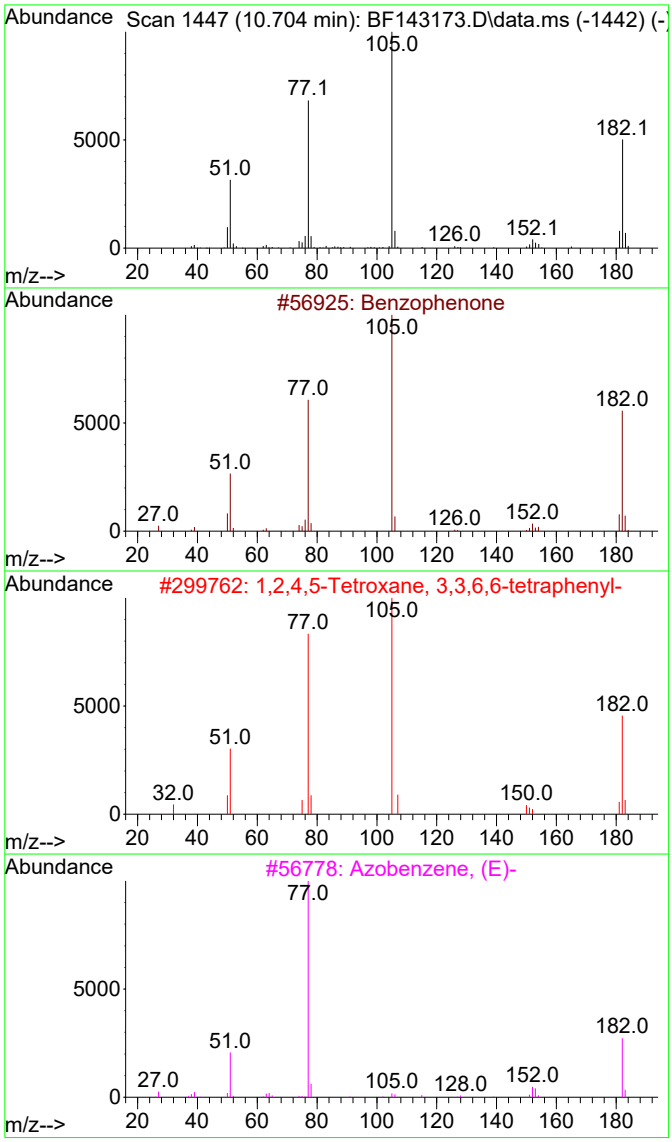
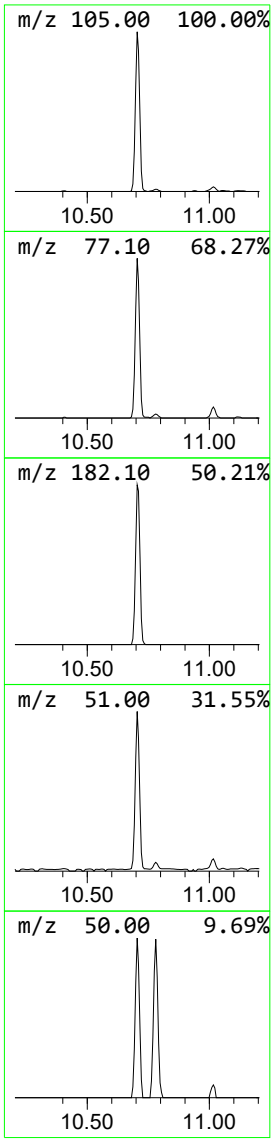
Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.704	4.33 ng	193556	Acenaphthene-d10	9.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3	Azobenzene, (E)-	182	C12H10N2	017082-12-1	59
4	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	58
5	Vinyl benzoate	148	C9H8O2	000769-78-8	47





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ClientSampleId :
MH 7-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
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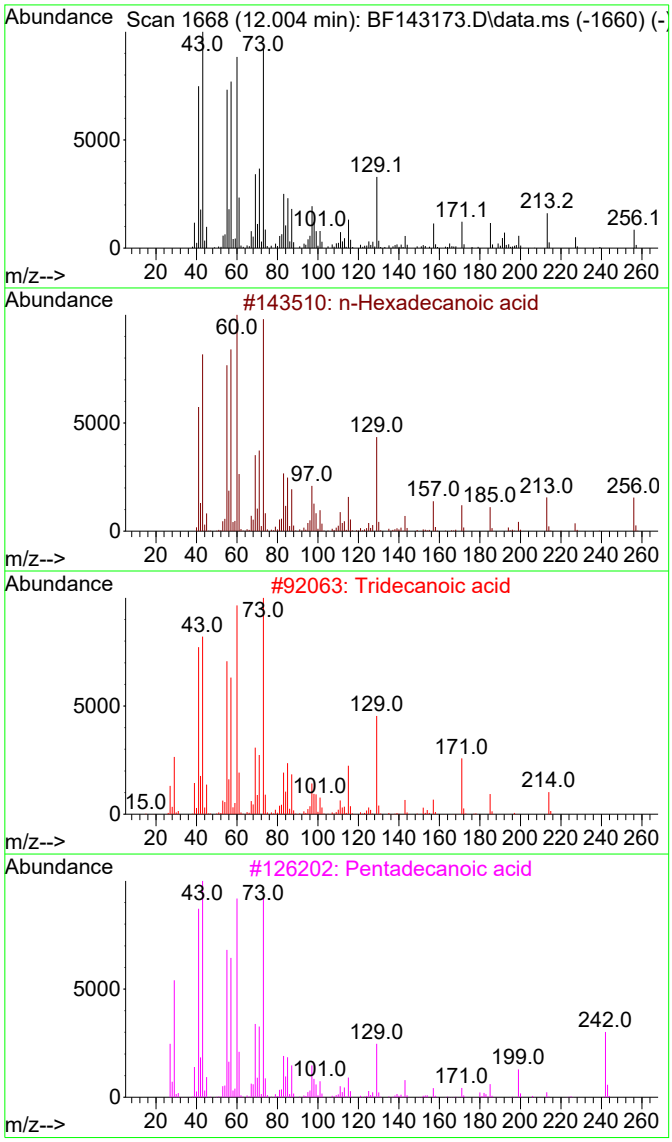
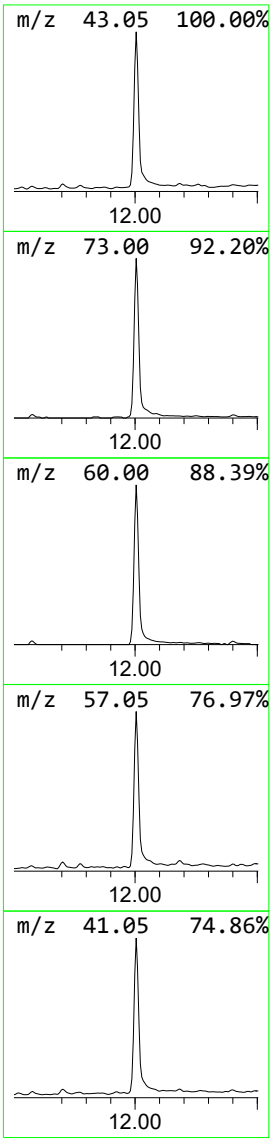
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	13.32 ng	525685	Phenanthrene-d10	11.480

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	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Undecanoic acid	186	C11H22O2	000112-37-8	58





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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
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TIC Library : C:\Database\NIST20.L
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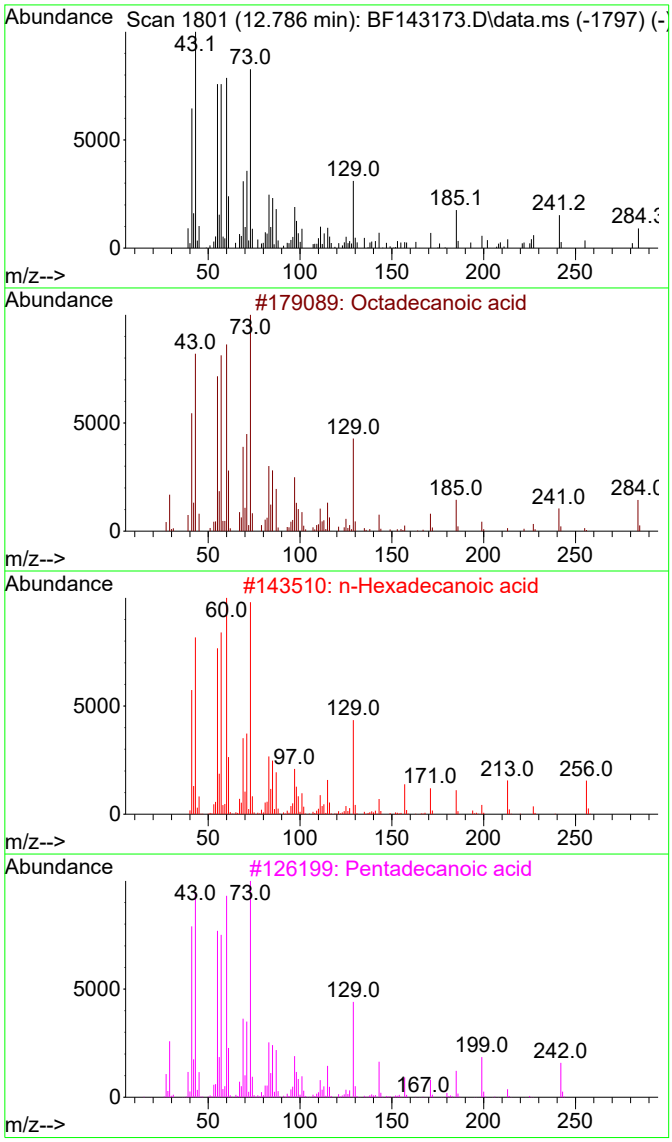
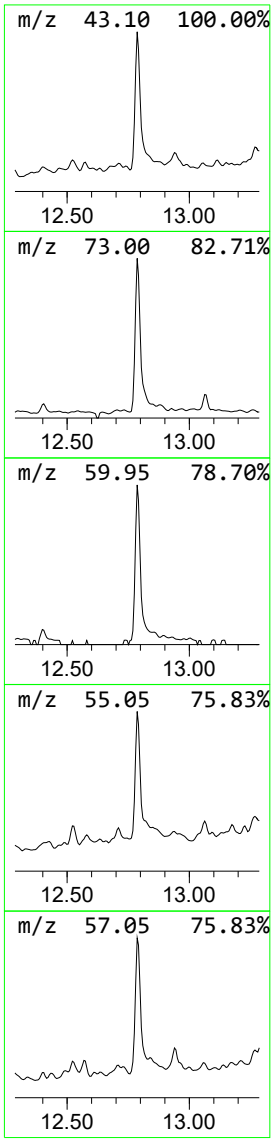
****

Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.786	3.20 ng	126326	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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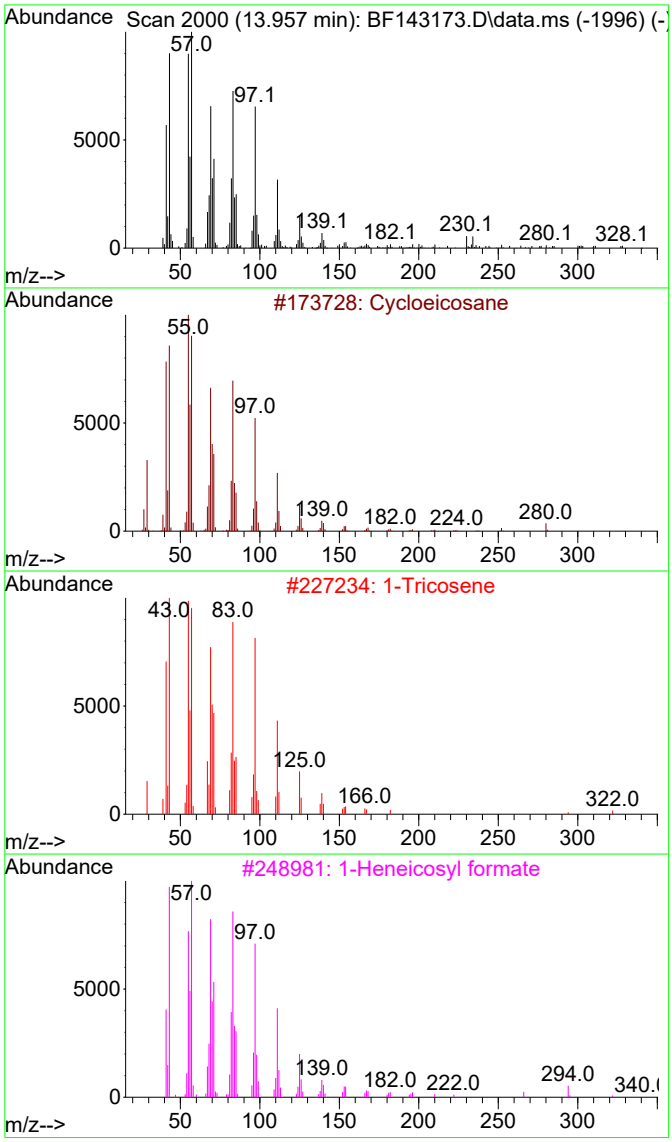
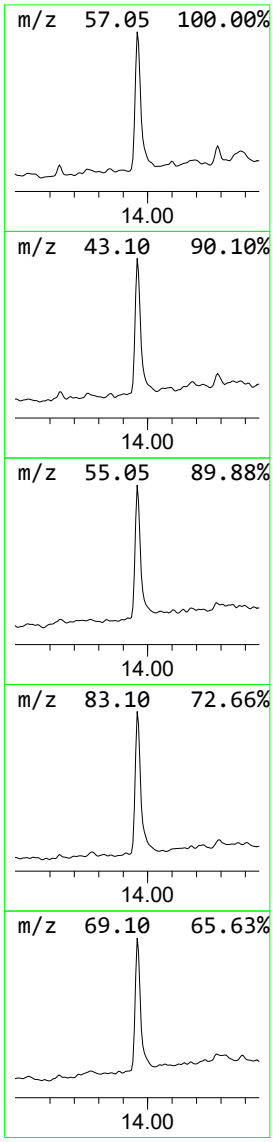
Peak Number 6 Cycloeicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.957	7.69 ng	307252	Chrysene-d12	14.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	97
2	1-Tricosene	322	C23H46	018835-32-0	95
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
4	1-Heptadecene	238	C17H34	006765-39-5	94
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.299	26.0	ng	986660	1	6.963	758261	20.0
2-Pentanone, 4-...	5.193	6.8	ng	258404	1	6.963	758261	20.0
Benzophenone	10.704	4.3	ng	193556	3	9.998	893211	20.0
n-Hexadecanoic ...	12.004	13.3	ng	525685	4	11.480	789226	20.0
Octadecanoic acid	12.786	3.2	ng	126326	4	11.480	789226	20.0
Cycloeicosane	13.957	7.7	ng	307252	5	14.121	798857	20.0