LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072125\
Data File : BF143172.D
Acq On : 21 Jul 2025 15:29
Operator : RC/JU
Sample : Q2651-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH 6-5

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: BF143172.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	8	15	22	rVB	437957	699158	33.62%	4.306%
2	5.187	503	509	515	rBV	131569	184702	8.88%	1.138%
3	5.581	571	576	582	rBV	1253063	1668665	80.25%	10.278%
4	6.575	739	745	750	rBV	1349259	1768464	85.04%	10.893%
5	6.963	806	811	816	rBV	673110	824654	39.66%	5.079%
6	7.516	899	905	910	rBV	859495	1101245	52.96%	6.783%
7	8.239	1023	1028	1033	rBV	832101	1054845	50.73%	6.497%
8	9.316	1205	1211	1216	rBV	1699629	2079461	100.00%	12.808%
9	9.998	1321	1327	1332	rBV	859137	1052005	50.59%	6.480%
10	10.704	1442	1447	1452	rBV	142344	172865	8.31%	1.065%
11	10.780	1455	1460	1465	rBV	781173	967580	46.53%	5.960%
12	11.016	1497	1500	1504	rVB	18443	22011	1.06%	0.136%
13	11.139	1516	1521	1527	rVB5	14238	22344	1.07%	0.138%
14	11.480	1574	1579	1587	rBV	677233	874523	42.06%	5.387%
15	11.704	1613	1617	1625	rBV5	13212	26325	1.27%	0.162%
16	12.004	1661	1668	1679	rBV2	283972	440753	21.20%	2.715%
17	12.698	1782	1786	1791	rBV	24321	41759	2.01%	0.257%
18	12.786	1797	1801	1809	rBV	57263	92017	4.43%	0.567%
19	12.921	1820	1824	1831	rVB	38114	62323	3.00%	0.384%
20	13.063	1843	1848	1858	rBV	1196599	1539717	74.04%	9.484%
21	13.963	1996	2001	2012	rBV	112808	235298	11.32%	1.449%
22	14.121	2023	2028	2035	rBV	580923	778805	37.45%	4.797%
23	14.210	2040	2043	2048	rVV	39224	51495	2.48%	0.317%
24	15.627	2279	2284	2288	rBV	309552	474287	22.81%	2.921%

Sum of corrected areas: 16235301

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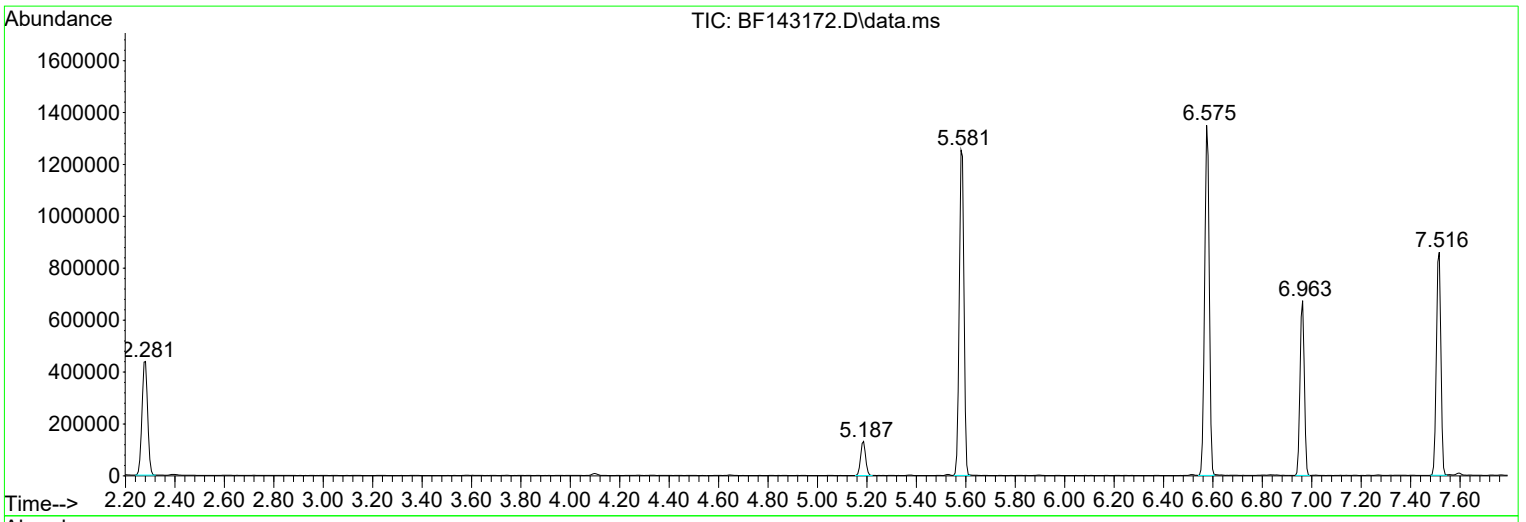
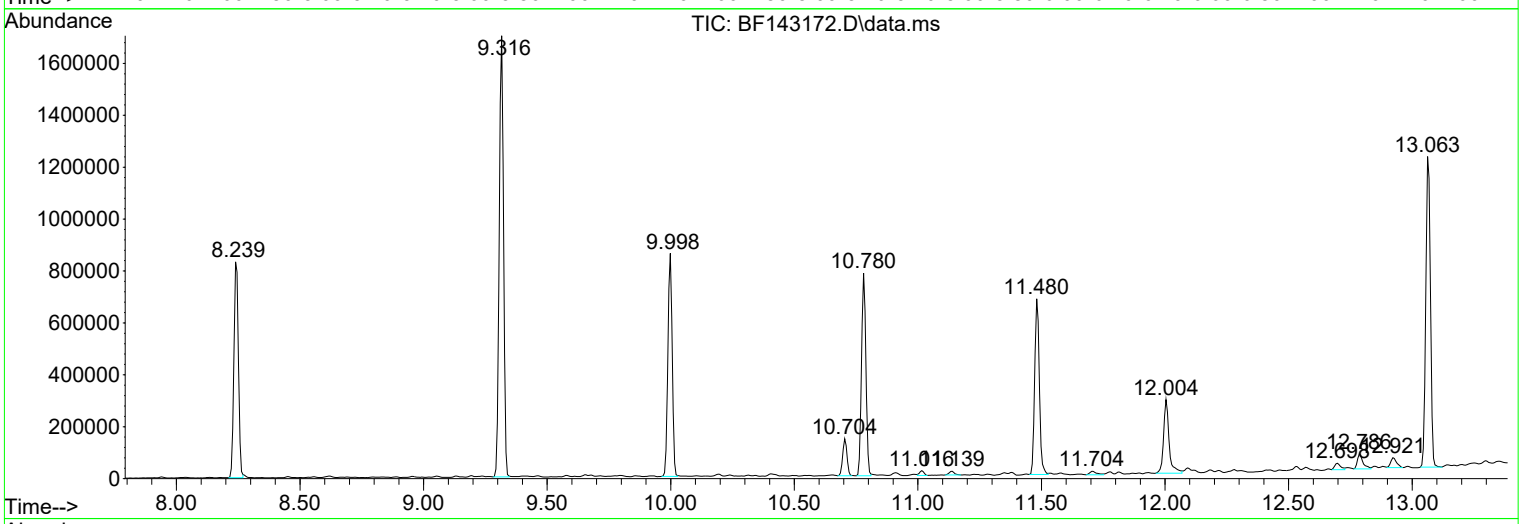
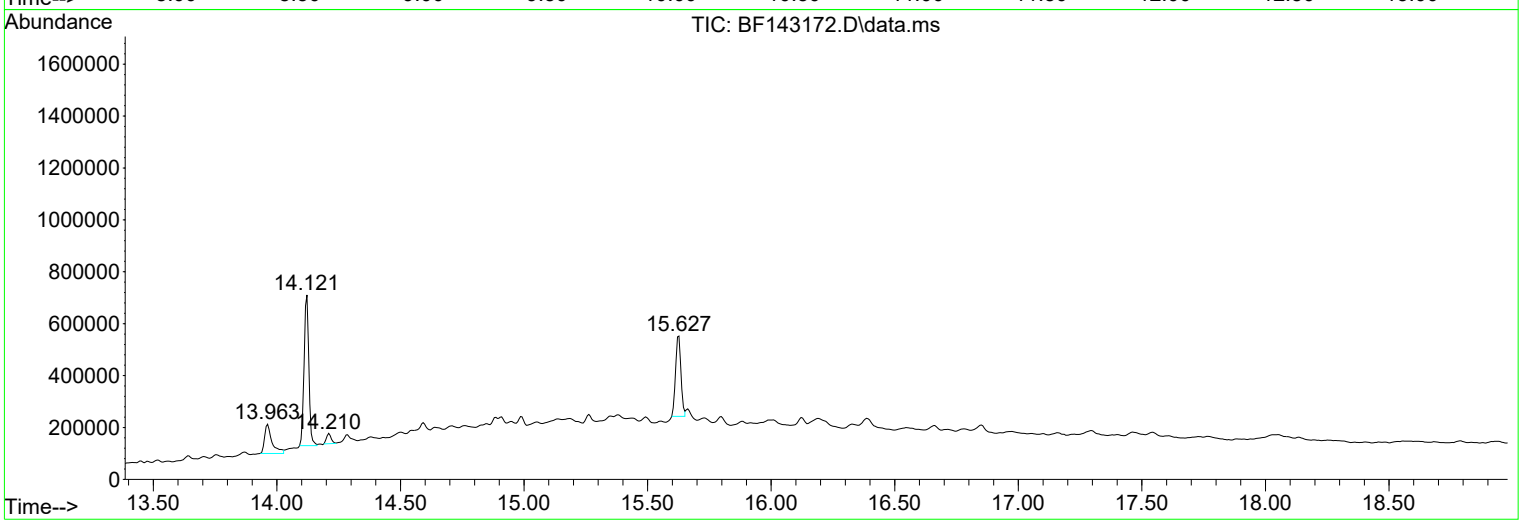
ClientSampleId :
MH 6-5

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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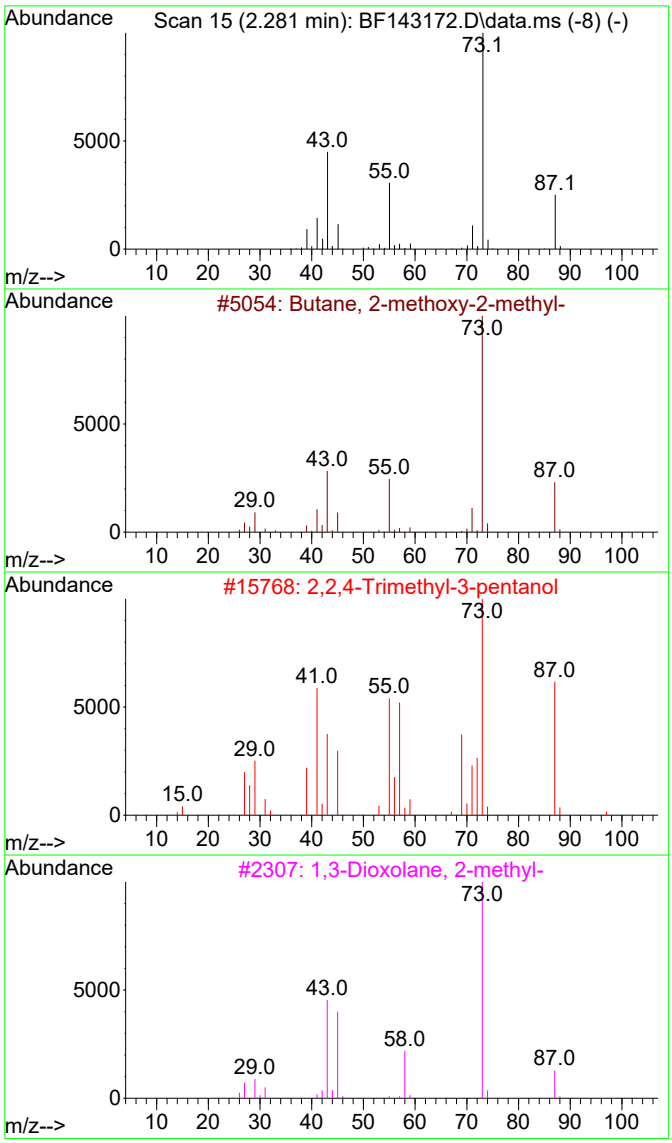
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

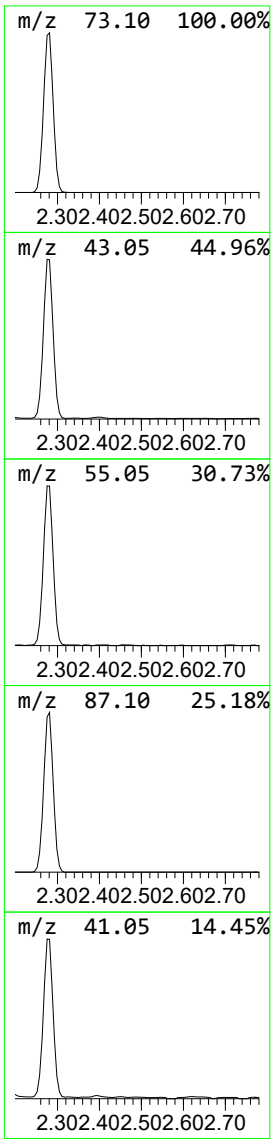
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.281	16.96 ng	699158	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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35





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Sample : Q2651-02
Misc :
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Instrument :
BNA_F
ClientSampleId :
MH 6-5

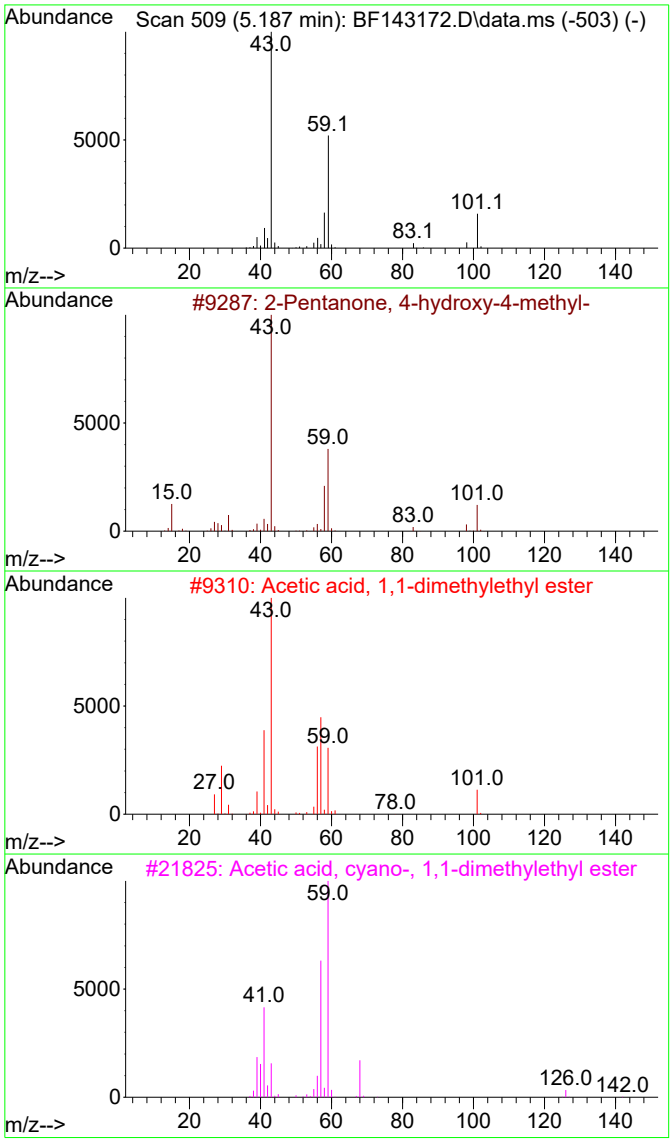
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

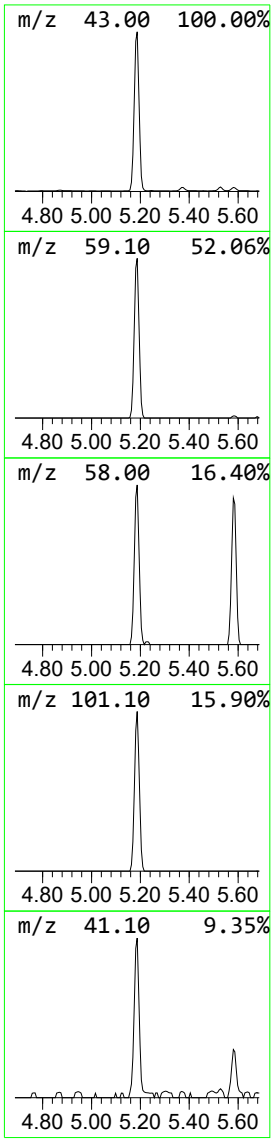
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.187	4.48 ng	184702	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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Operator : RC/JU
Sample : Q2651-02
Misc :
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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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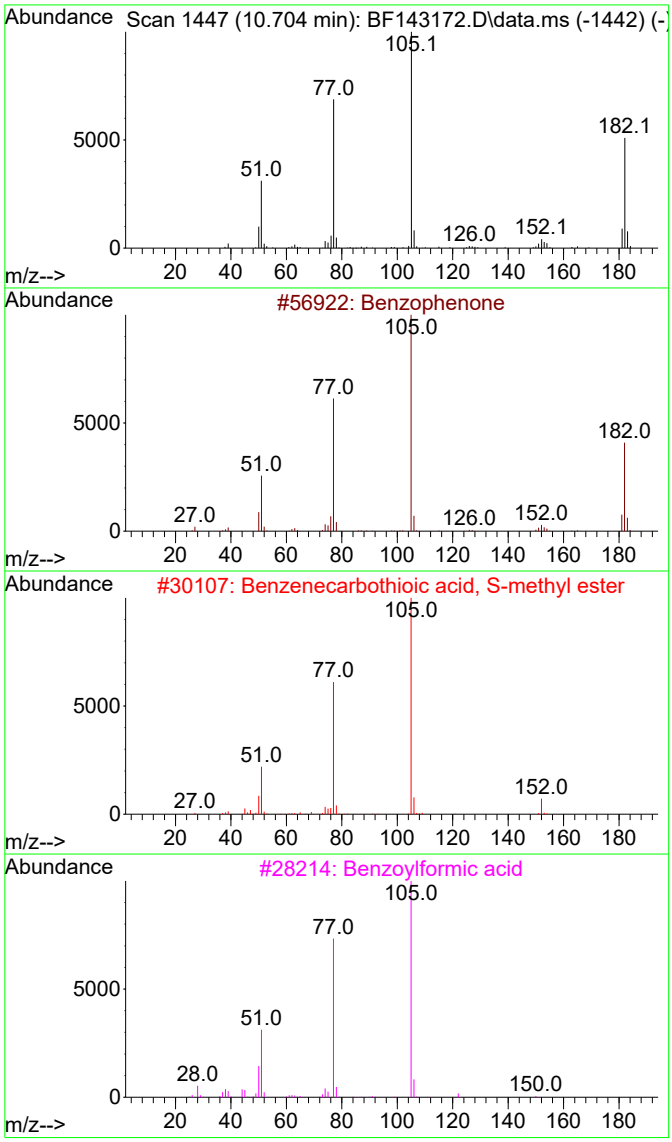
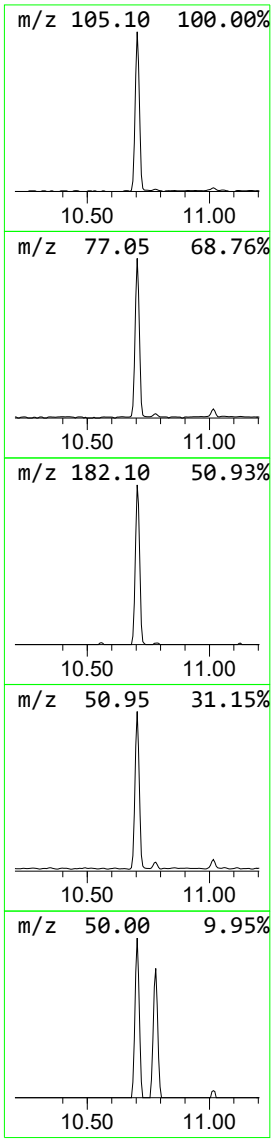
****

Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.704	3.29 ng	172865	Acenaphthene-d10	9.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	50
3	Benzoylformic acid	150	C8H6O3	000611-73-4	49
4	N-cyanobenzamide	146	C8H6N2O	015150-25-1	47
5	acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	47





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Instrument :
BNA_F
ClientSampleId :
MH 6-5

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TIC Library : C:\Database\NIST20.L
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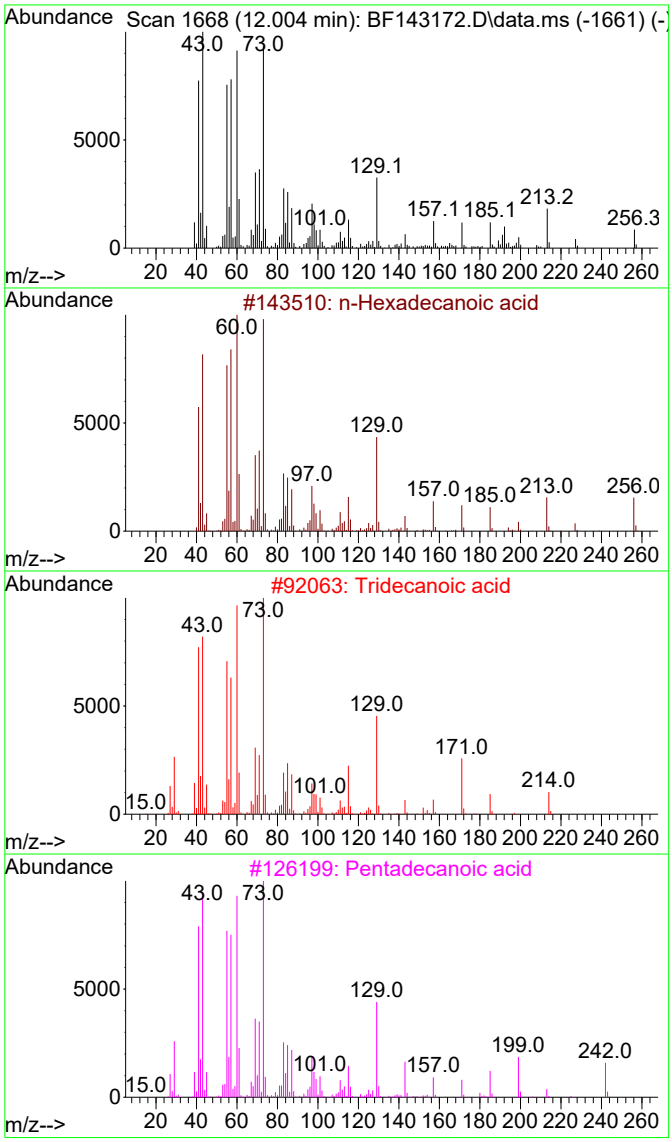
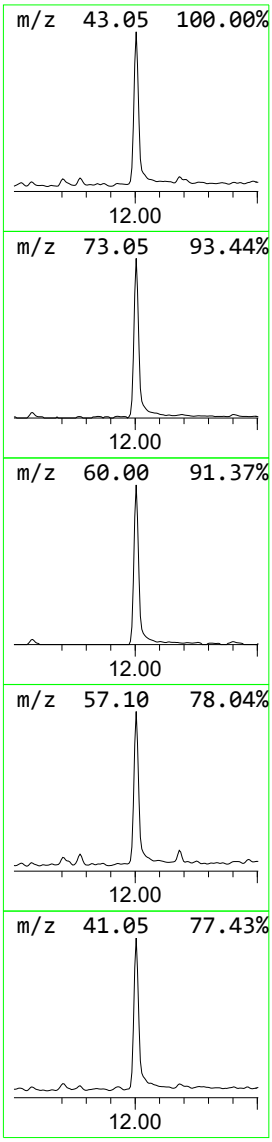
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	10.08 ng	440753	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
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	62





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ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH 6-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
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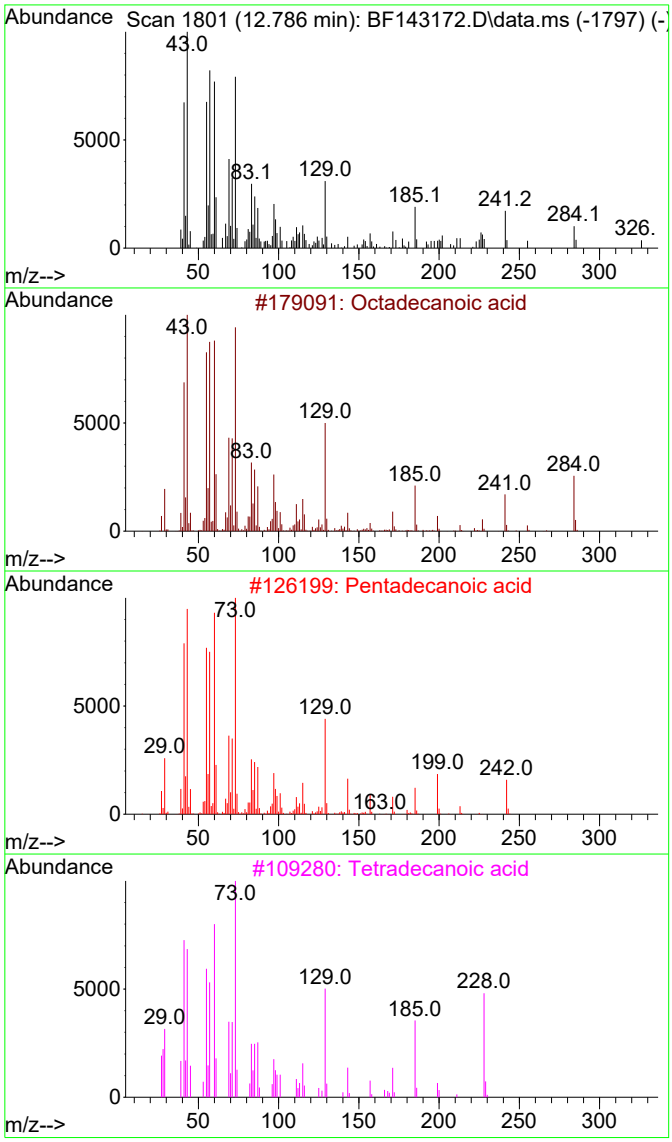
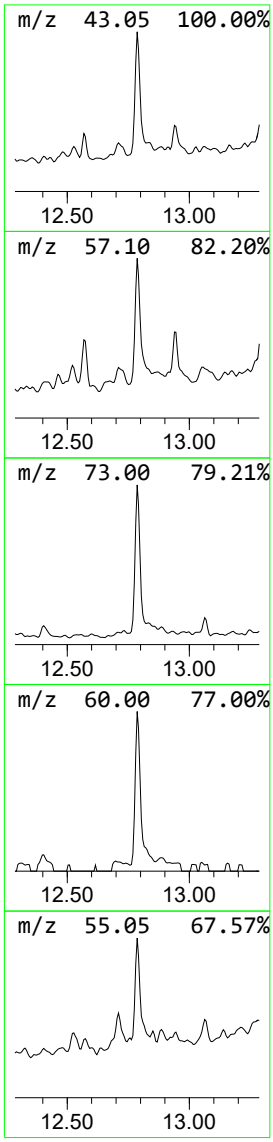
****

Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.786	2.10 ng	92017	Phenanthrene-d10	11.480

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	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83
5	Undecanoic acid	186	C11H22O2	000112-37-8	64





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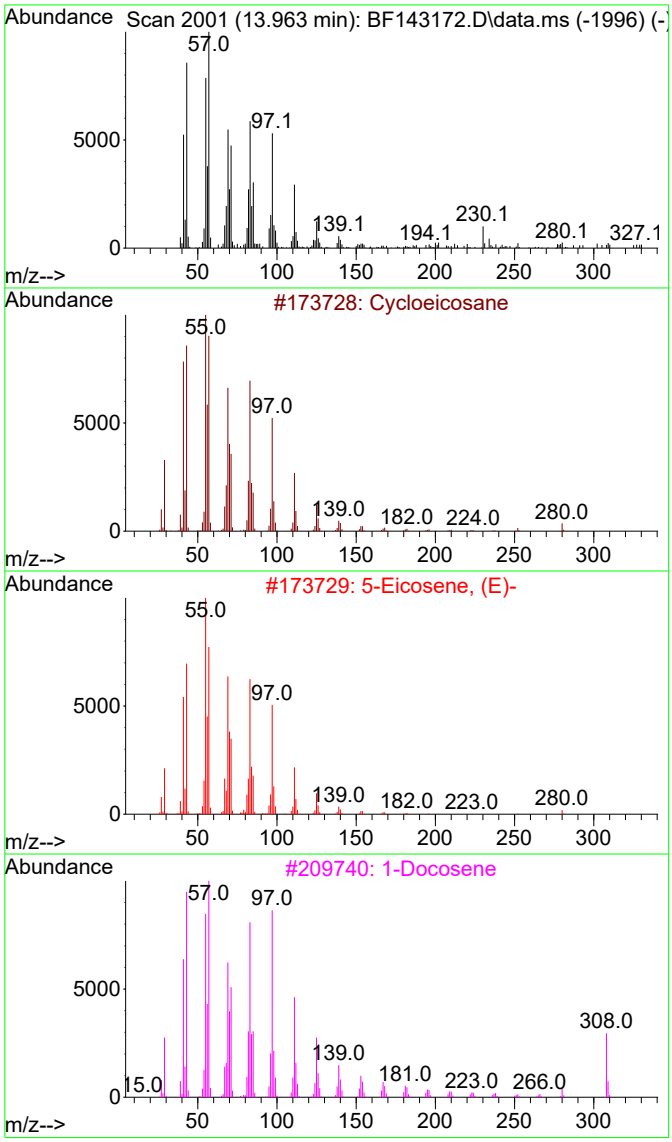
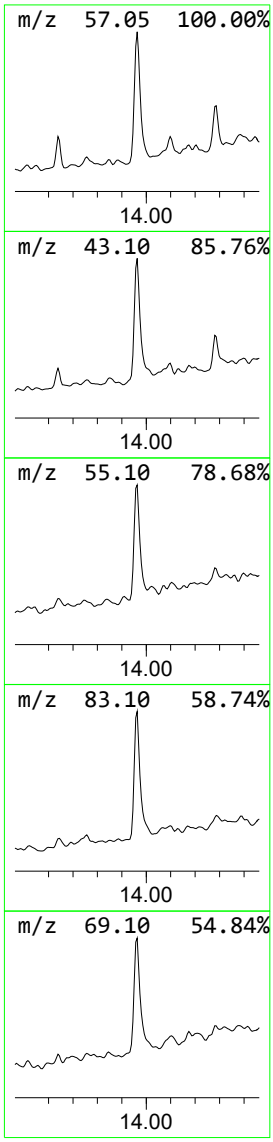
****

Peak Number 6 Cycloeicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.963	6.04 ng	235298	Chrysene-d12	14.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	97
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
3	1-Docosene	308	C22H44	001599-67-3	94
4	17-Pentatriacontene	491	C35H70	006971-40-0	93
5	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93





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...	2.281	17.0	ng	699158	1	6.963	824654	20.0
2-Pentanone, 4-...	5.187	4.5	ng	184702	1	6.963	824654	20.0
Benzophenone	10.704	3.3	ng	172865	3	9.998	1052010	20.0
n-Hexadecanoic ...	12.004	10.1	ng	440753	4	11.480	874523	20.0
Octadecanoic acid	12.786	2.1	ng	92017	4	11.480	874523	20.0
Cycloeicosane	13.963	6.0	ng	235298	5	14.121	778805	20.0