LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
Data File : BF139604.D
Acq On : 02 Oct 2024 14:04
Operator : RC/JU
Sample : P4212-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-NORTH

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-BF100124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139604.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	4	12	19	rVB	2003374	3252874	100.00%	15.017%
2	5.081	499	508	520	rBV	147067	237051	7.29%	1.094%
3	5.487	571	577	582	rBV	1626859	2148953	66.06%	9.921%
4	6.493	742	748	762	rVB	1630004	2261779	69.53%	10.441%
5	6.863	806	811	816	rBV	474849	572786	17.61%	2.644%
6	7.428	900	907	912	rBV	1102443	1471837	45.25%	6.795%
7	7.681	945	950	955	rBV	28900	35742	1.10%	0.165%
8	8.145	1023	1029	1034	rBV	597466	737233	22.66%	3.403%
9	9.222	1206	1212	1217	rBV	2081244	2620338	80.55%	12.097%
10	9.898	1320	1327	1332	rBV	670087	832843	25.60%	3.845%
11	10.616	1443	1449	1454	rBV	443505	551302	16.95%	2.545%
12	10.692	1456	1462	1470	rBV	1185925	1586001	48.76%	7.322%
13	10.922	1496	1501	1508	rVB	35714	44010	1.35%	0.203%
14	11.386	1575	1580	1585	rBV	704556	864069	26.56%	3.989%
15	11.916	1665	1670	1683	rBV	257450	392903	12.08%	1.814%
16	12.698	1798	1803	1815	rBV	42528	69996	2.15%	0.323%
17	12.974	1844	1850	1855	rBV	1981403	2523609	77.58%	11.650%
18	13.869	1996	2002	2019	rBV3	130394	271402	8.34%	1.253%
19	14.027	2021	2029	2040	rVB	433355	592062	18.20%	2.733%
20	14.186	2051	2056	2068	rBV	23019	36383	1.12%	0.168%
21	14.492	2104	2108	2127	rBV3	28662	79387	2.44%	0.366%
22	15.498	2272	2279	2289	rBV	303445	478953	14.72%	2.211%

Sum of corrected areas: 21661513

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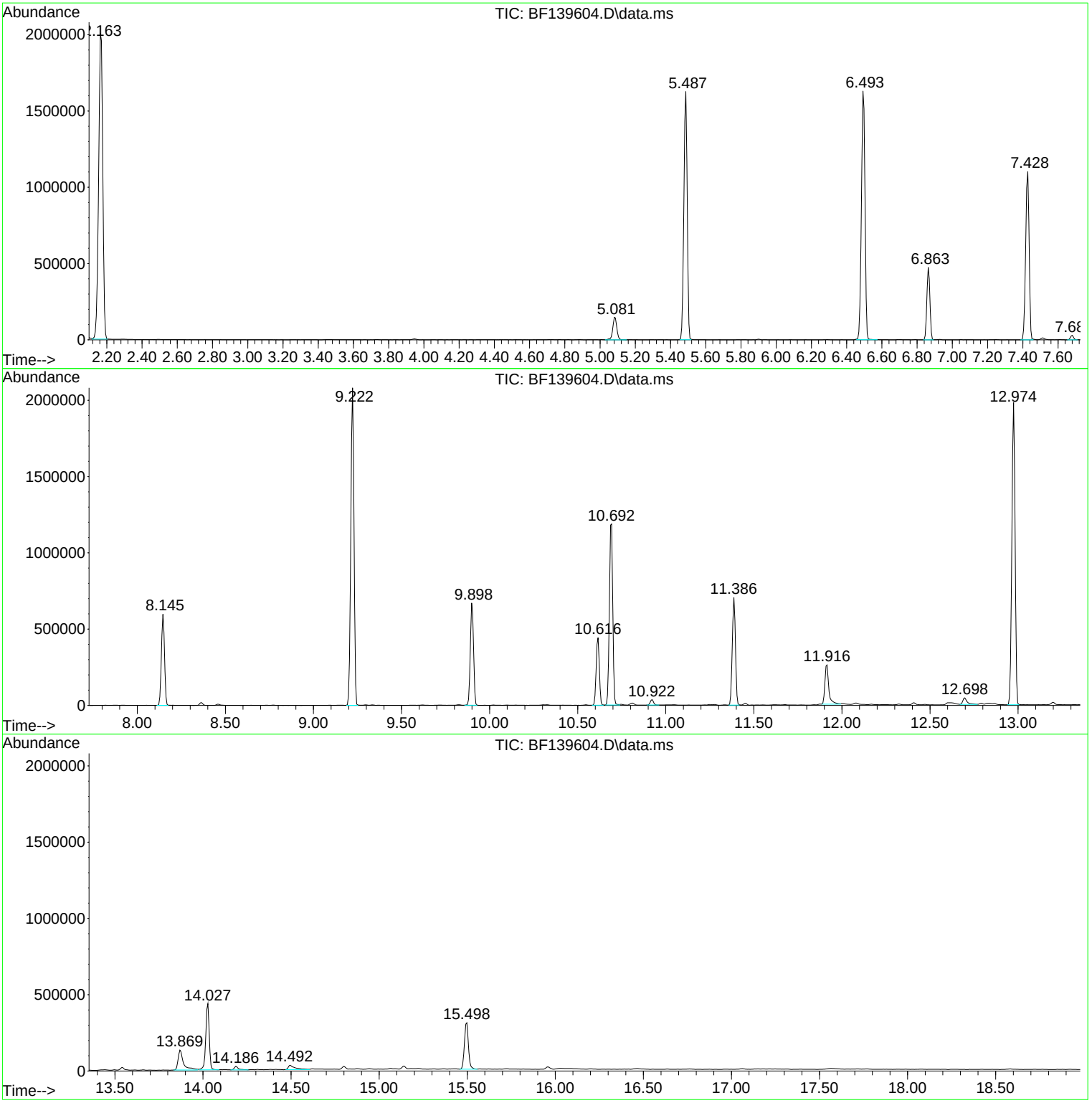
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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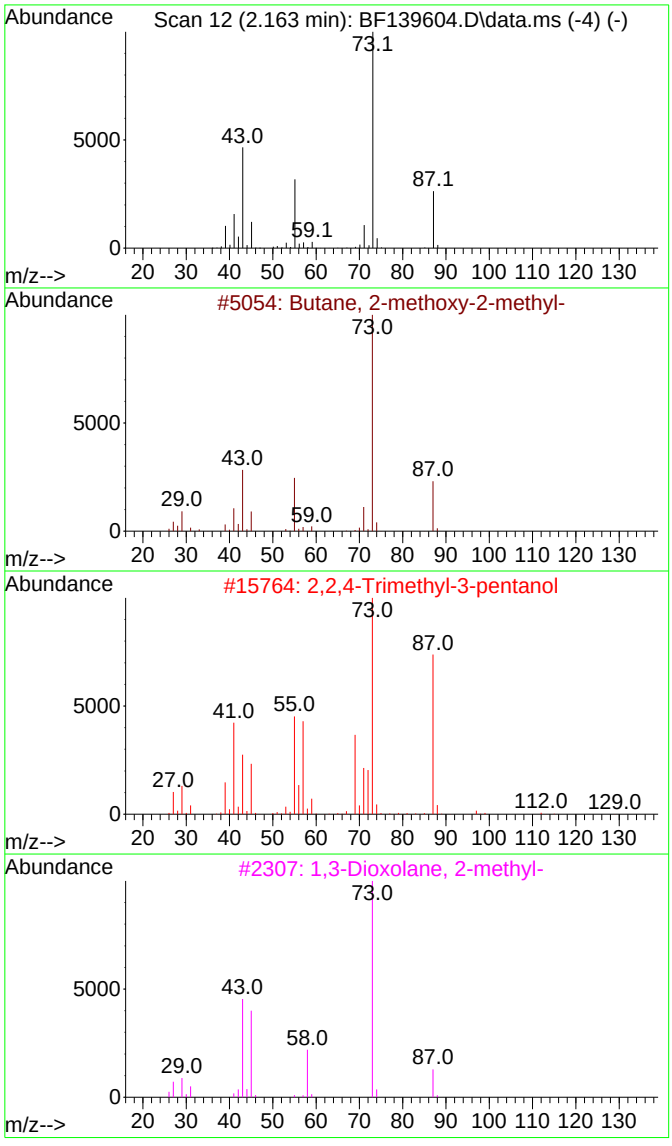
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

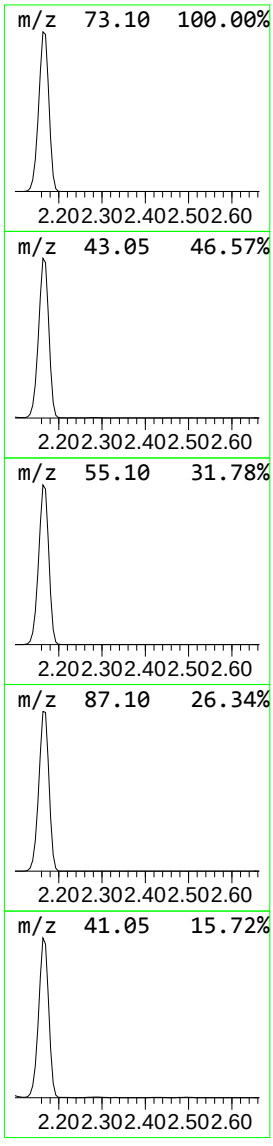
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	113.58 ng	3252870	1,4-Dichlorobenzene-d4	6.863

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	25
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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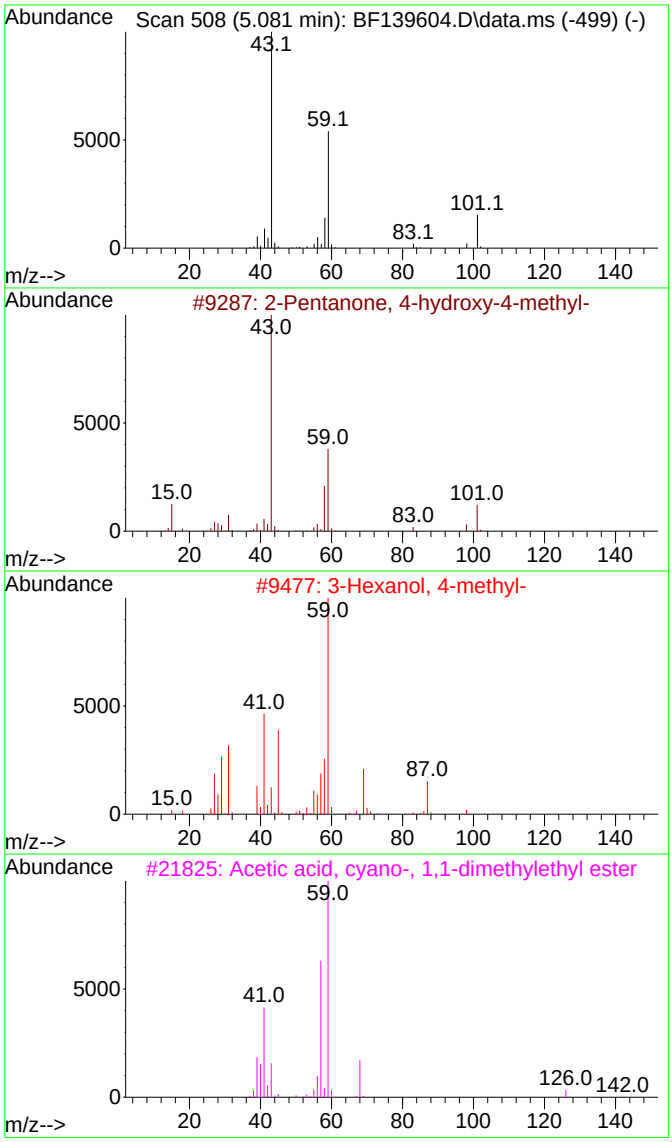
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

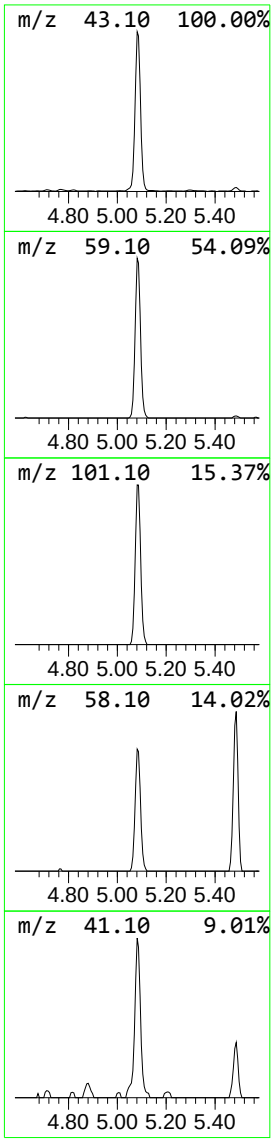
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.081	8.28 ng	237051	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
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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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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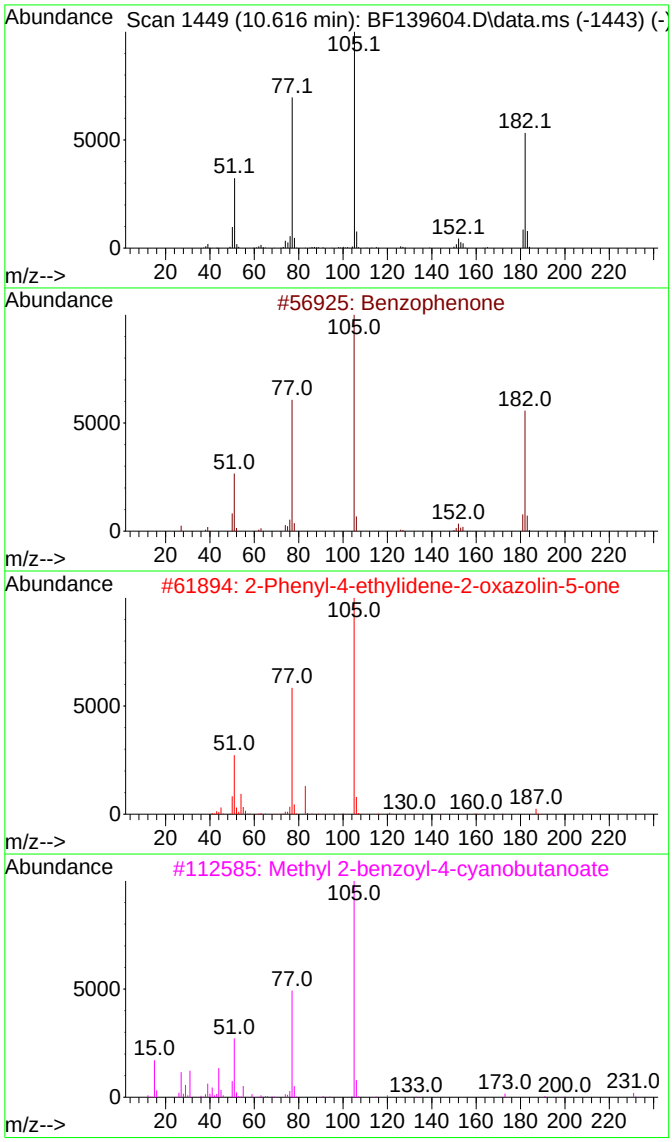
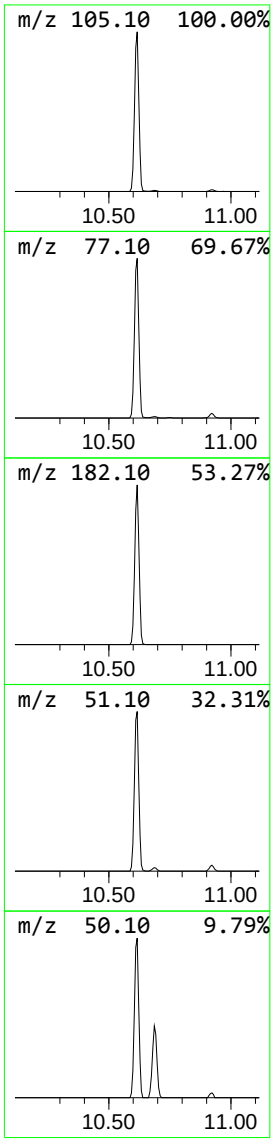
Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	13.24 ng	551302	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	50
3	Methyl 2-benzoyl-4-cyanobutanoate	231	C13H13NO3	1010486-83-8	50
4	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	50
5	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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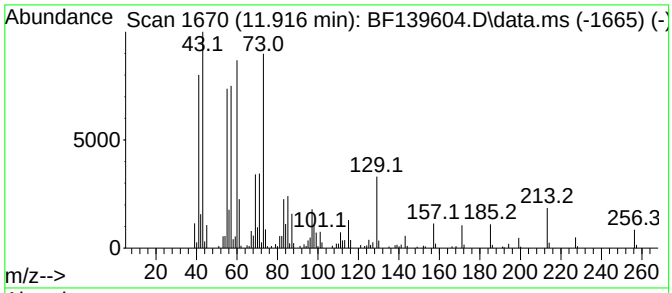
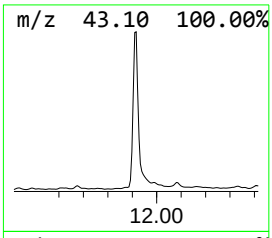
****

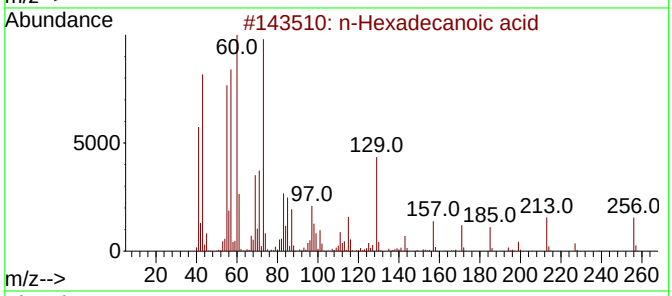
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

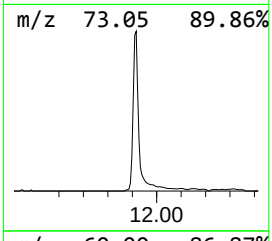
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	9.09 ng	392903	Phenanthrene-d10	11.386

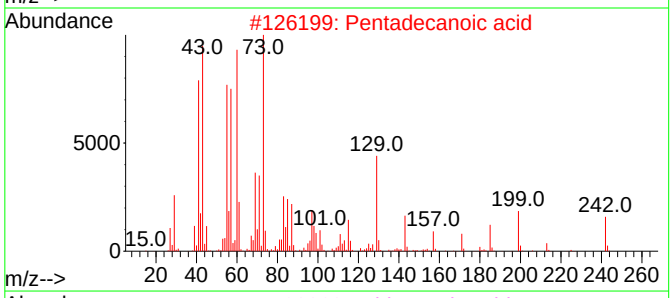
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Undecanoic acid	186	C11H22O2	000112-37-8	64

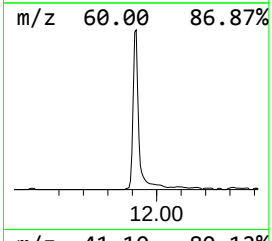


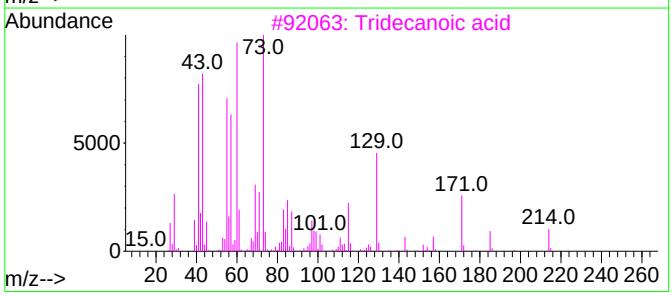


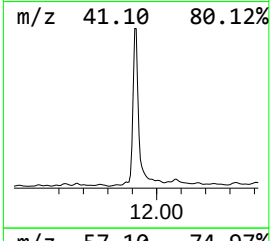


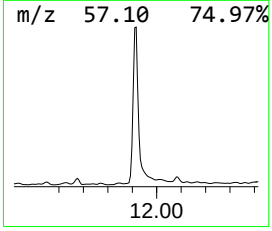












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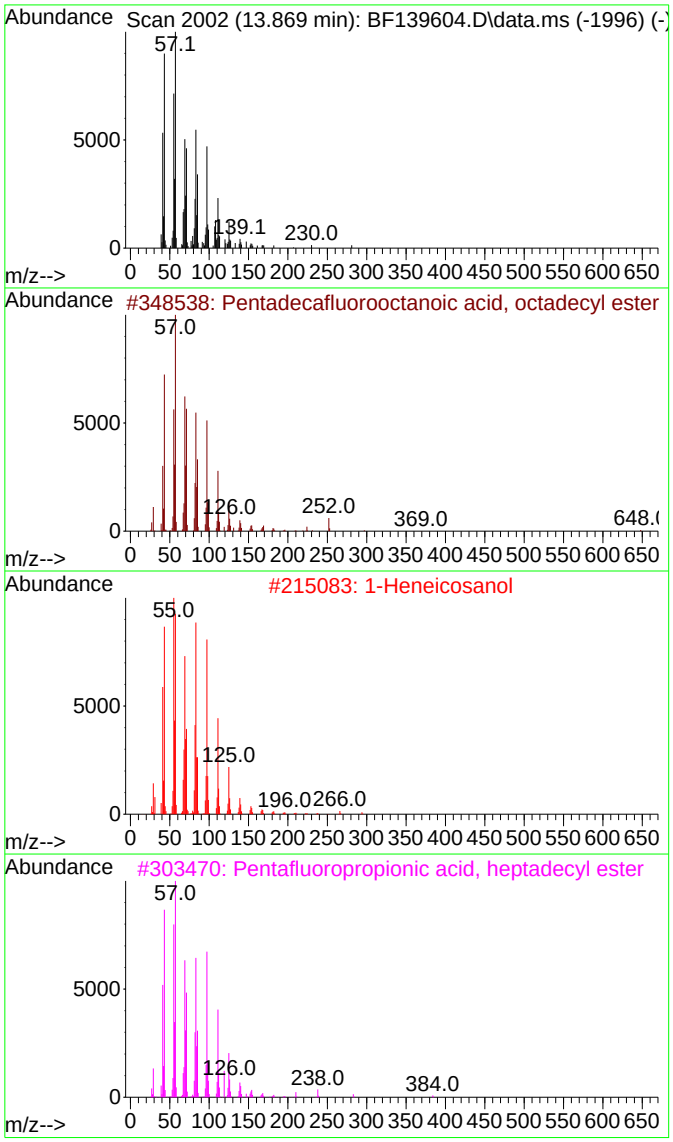
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

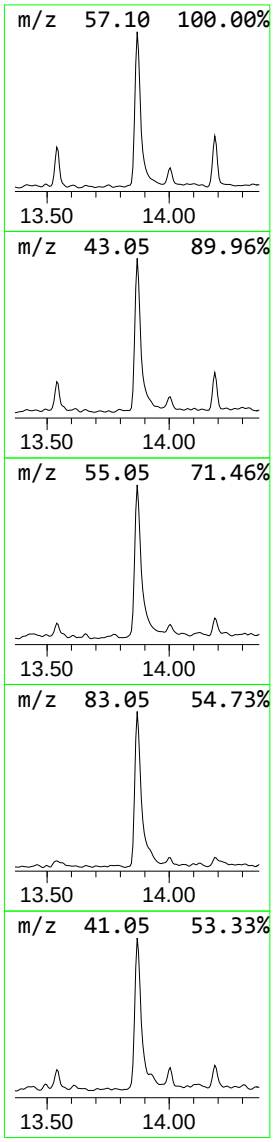
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentadecafluorooctanoic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.868	9.17 ng	271402	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	90
4	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	90
5	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	90





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

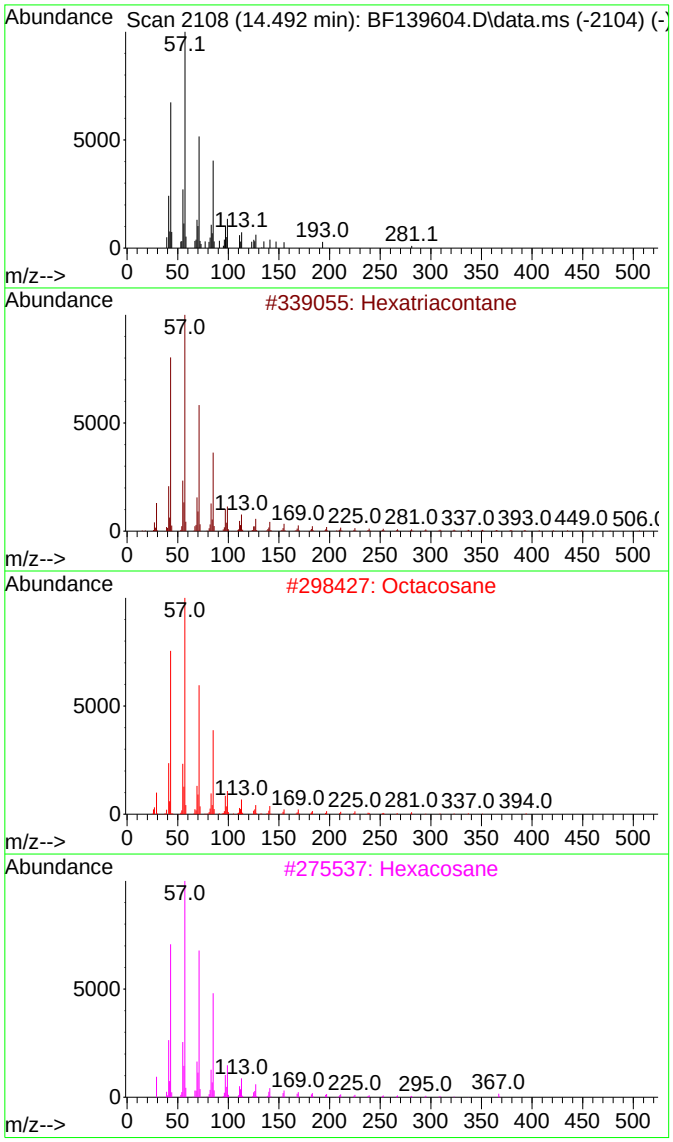
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

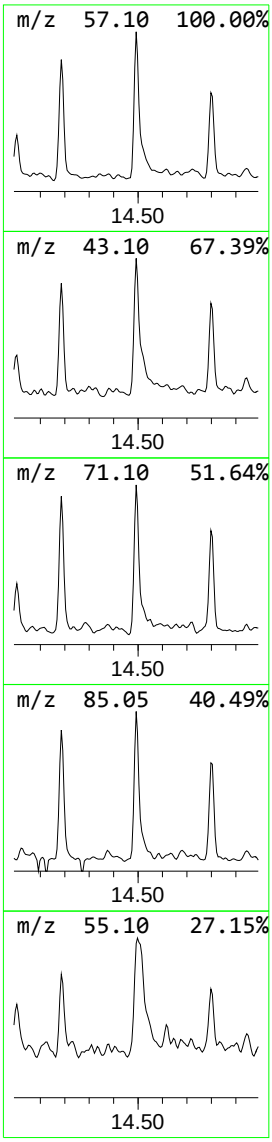
****

Peak Number 6 Hexatriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.492	2.68 ng	79387	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





Tentatively Identified Compound (LSC) summary

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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...	2.163	113.6	ng	3252870	1	6.863	572786	20.0
2-Pentanone, 4-...	5.081	8.3	ng	237051	1	6.863	572786	20.0
Benzophenone	10.616	13.2	ng	551302	3	9.898	832843	20.0
n-Hexadecanoic ...	11.916	9.1	ng	392903	4	11.386	864069	20.0
Pentadecafluoro...	13.868	9.2	ng	271402	5	14.027	592062	20.0
Hexatriacontane	14.492	2.7	ng	79387	5	14.027	592062	20.0