LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050423\
Data File : BF133242.D
Acq On : 04 May 2023 21:07
Operator : CG\JU
Sample : 02588-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PILE-A-UNK-05022023

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-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133242.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.710	271	276	283	rVB	414868	600877	12.13%	1.505%
2	4.928	476	483	493	rVB	114739	155266	3.13%	0.389%
3	5.340	548	553	556	rBV	4740030	4748904	95.85%	11.895%
4	6.369	722	728	731	rBV	4459725	4765929	96.20%	11.938%
5	6.722	785	788	792	rBV	1510434	1288688	26.01%	3.228%
6	7.134	852	858	866	rBV	357287	300923	6.07%	0.754%
7	7.292	874	885	888	rBV	3410366	3082360	62.21%	7.721%
8	7.745	957	962	967	rBV3	59768	83262	1.68%	0.209%
9	8.010	1003	1007	1009	rBV	2271701	1753300	35.39%	4.392%
10	8.034	1009	1011	1017	rVB2	172957	163002	3.29%	0.408%
11	8.722	1122	1128	1131	rVB	68293	60961	1.23%	0.153%
12	9.086	1186	1190	1193	rVB	5827132	4954429	100.00%	12.410%
13	9.763	1301	1305	1308	rVB	2192013	1968973	39.74%	4.932%
14	9.969	1336	1340	1344	rBV2	76877	92803	1.87%	0.232%
15	10.475	1422	1426	1429	rVB	453397	379901	7.67%	0.952%
16	10.551	1434	1439	1442	rVV	3300422	3201977	64.63%	8.021%
17	10.592	1443	1446	1453	rVV	86833	114599	2.31%	0.287%
18	10.686	1457	1462	1468	rVB2	128276	155232	3.13%	0.389%
19	11.151	1537	1541	1546	rVB2	75954	85399	1.72%	0.214%
20	11.239	1552	1556	1559	rBV	2373452	2013439	40.64%	5.043%
21	11.263	1559	1560	1563	rVB	192516	98505	1.99%	0.247%
22	11.780	1644	1648	1656	rBV3	550482	598455	12.08%	1.499%
23	11.851	1657	1660	1662	rBV2	65900	67477	1.36%	0.169%
24	12.233	1720	1725	1729	rBV3	39951	75138	1.52%	0.188%
25	12.451	1758	1762	1765	rBV	300747	290805	5.87%	0.728%
26	12.563	1778	1781	1784	rBV	77348	82357	1.66%	0.206%
27	12.674	1797	1800	1805	rVB	239916	212485	4.29%	0.532%
28	12.827	1822	1826	1830	rBV	4592616	4544126	91.72%	11.382%
29	12.963	1846	1849	1851	rBV	77990	65469	1.32%	0.164%
30	13.004	1854	1856	1861	rVB2	68858	70756	1.43%	0.177%
31	13.069	1864	1867	1870	rBV2	74548	74598	1.51%	0.187%
32	13.739	1977	1981	1987	rBV	259491	442599	8.93%	1.109%
33	13.874	1999	2004	2007	rBV	1346043	1277601	25.79%	3.200%
34	14.357	2083	2086	2089	rBV	72974	74209	1.50%	0.186%
35	14.886	2173	2176	2185	rVB	91579	183928	3.71%	0.461%
36	14.980	2189	2192	2197	rVB2	77601	98467	1.99%	0.247%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.168	2221	2224	2229	rVB	52823	63583	1.28%	0.159%
38	15.227	2231	2234	2237	rBV	71532	72868	1.47%	0.183%
39	15.292	2240	2245	2249	rBV	1015006	1157252	23.36%	2.899%
40	15.745	2318	2322	2327	rBV2	82322	119423	2.41%	0.299%
41	16.221	2399	2403	2408	rVB	66017	104367	2.11%	0.261%
42	16.774	2493	2497	2503	rVB4	48637	90908	1.83%	0.228%
43	17.427	2604	2608	2613	rVB4	42282	86660	1.75%	0.217%

Sum of corrected areas: 39922260

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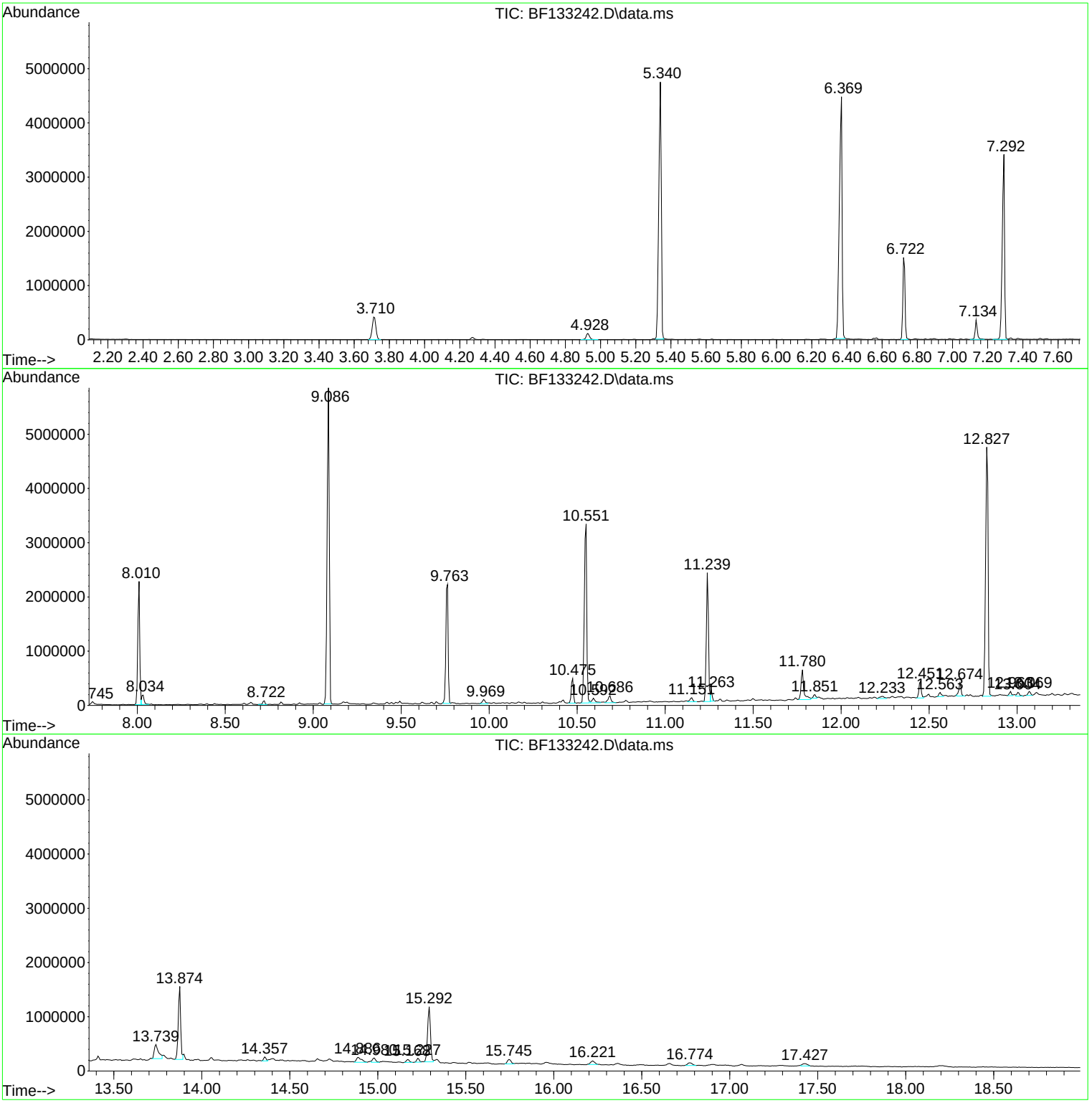
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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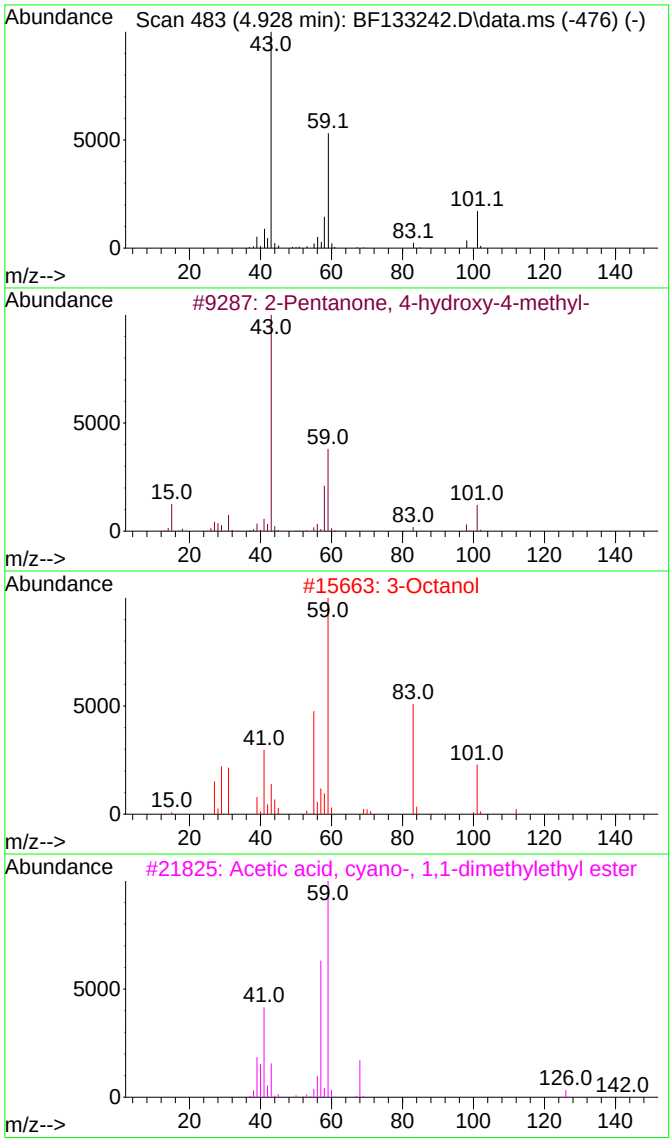
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

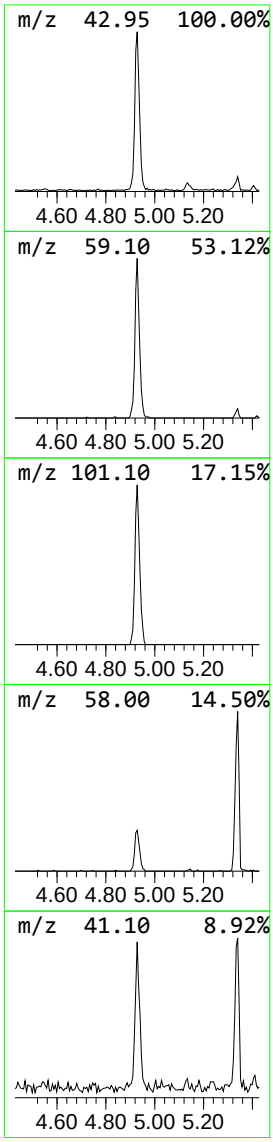
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.928	2.41 ng	155266	1,4-Dichlorobenzene-d4	6.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Octanol	130	C8H18O	000589-98-0	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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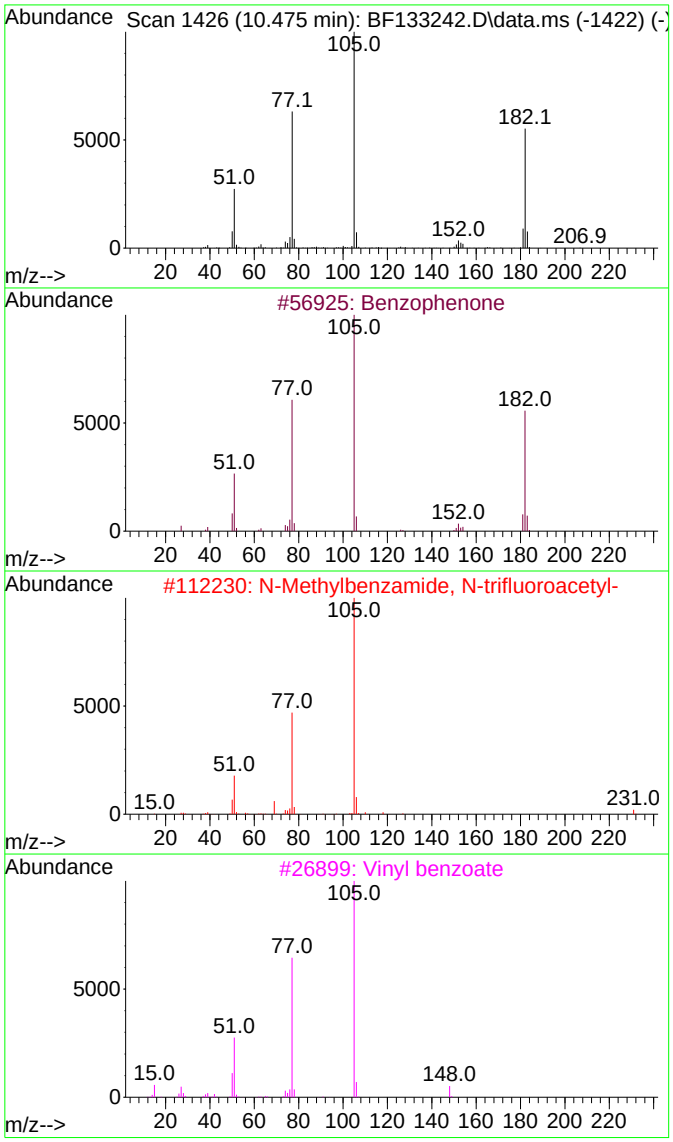
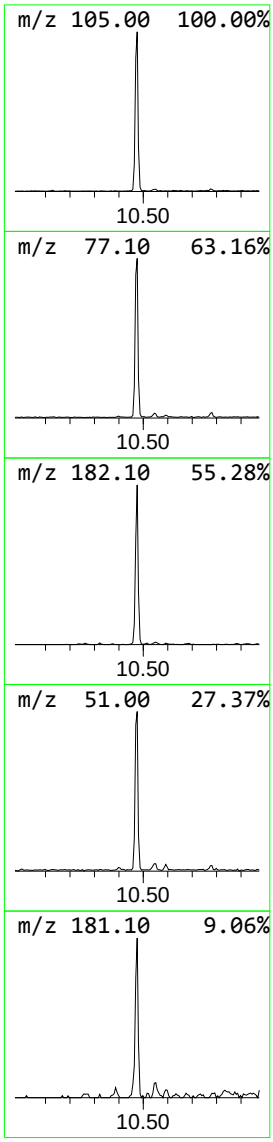
Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.475	3.86 ng	379901	Acenaphthene-d10	9.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47
3	Vinyl benzoate	148	C9H8O2	000769-78-8	47
4	N-Methylbenzamide, N-chlorodiflu...	247	C10H8ClF2NO2	1000446-98-2	47
5	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
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TIC Library : C:\Database\NIST20.L
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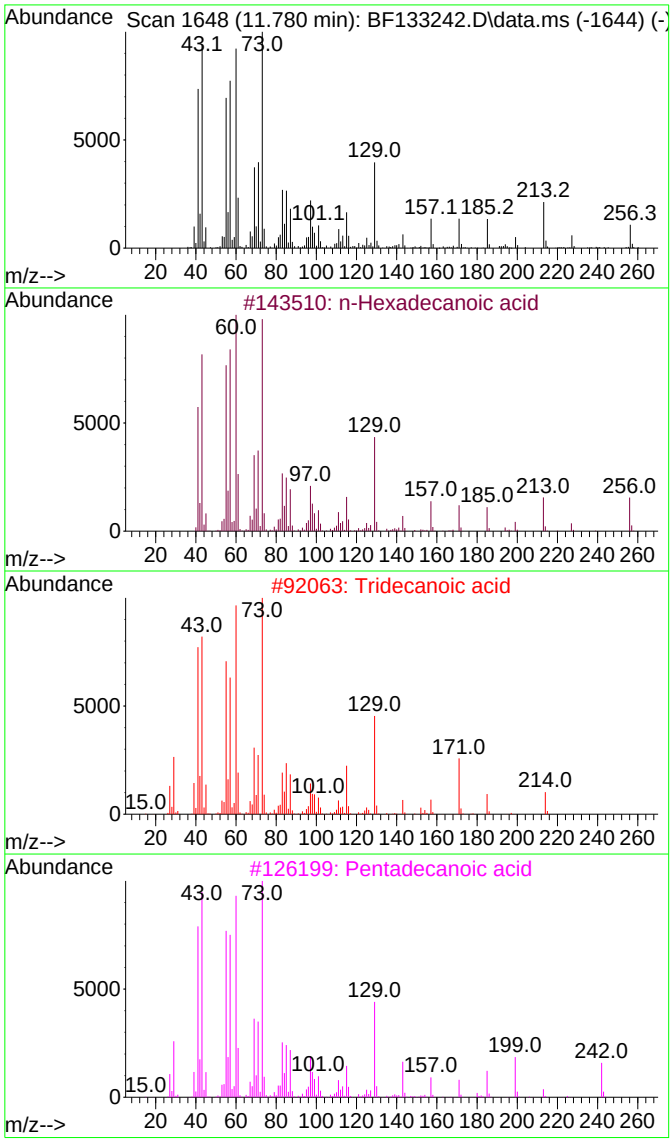
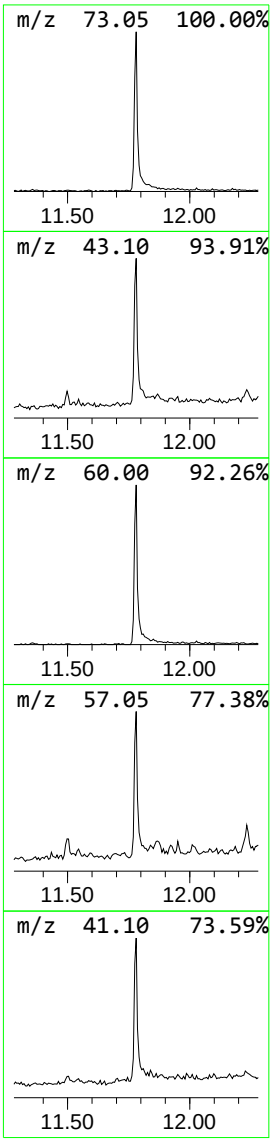
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.780	5.94 ng	598455	Phenanthrene-d10	11.239

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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Undecanoic acid	186	C11H22O2	000112-37-8	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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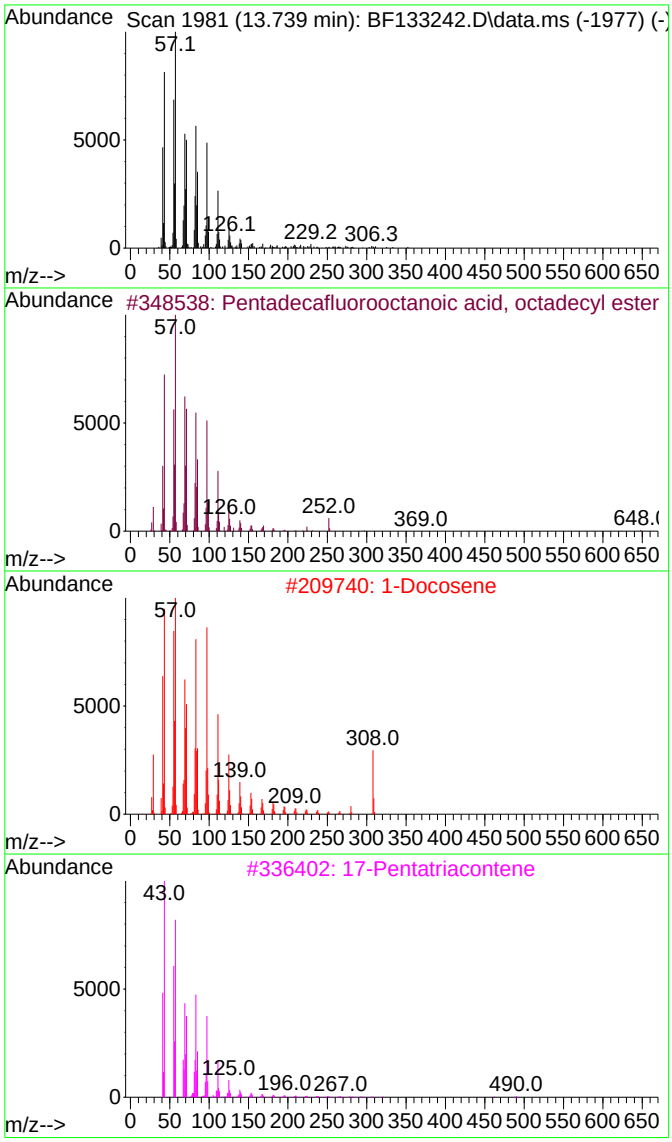
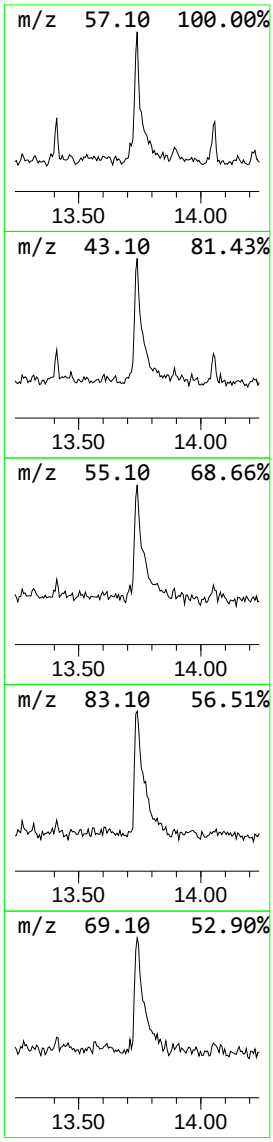
Peak Number 5 Pentadecafluorooctanoic aci... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.739	6.93 ng	442599	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
2	1-Docosene	308	C22H44	001599-67-3	93
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	1-Hexacosene	364	C26H52	018835-33-1	91
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91





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

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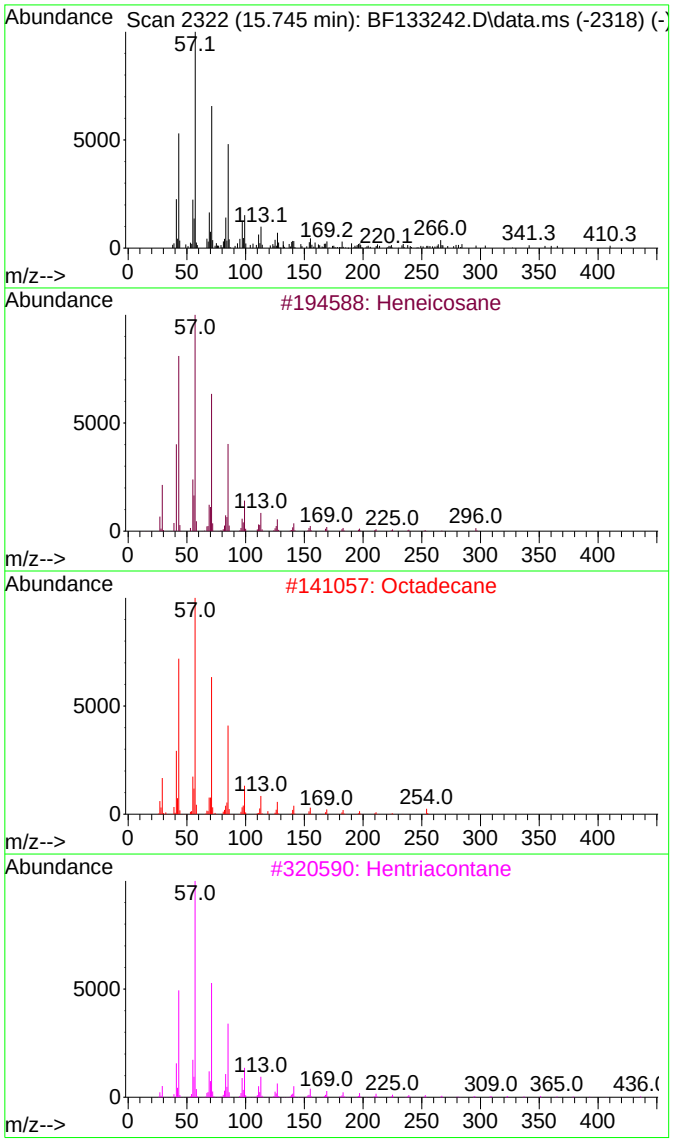
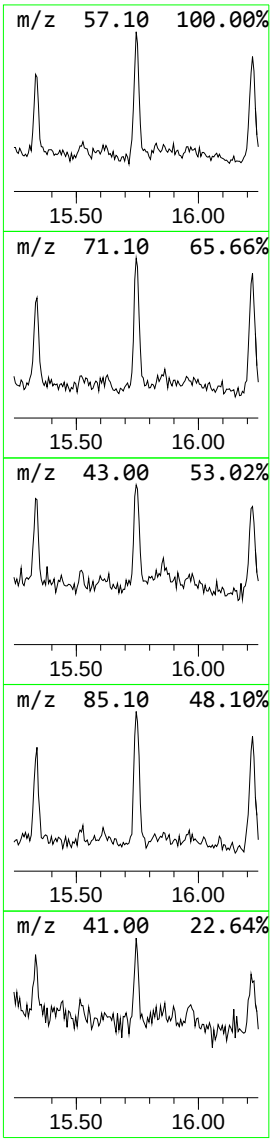
Peak Number 7 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.745	2.06 ng	119423	Perylene-d12	15.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octadecane	254	C18H38	000593-45-3	87
3	Hentriacontane	437	C31H64	000630-04-6	87
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	87
5	Hexacosane	366	C26H54	000630-01-3	87





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
2-Pentanone, 4-...	4.928	2.4	ng	155266	1	6.722	1288690	20.0
Benzophenone	10.475	3.9	ng	379901	3	9.763	1968970	20.0
n-Hexadecanoic ...	11.780	5.9	ng	598455	4	11.239	2013440	20.0
Pentadecafluoro...	13.739	6.9	ng	442599	5	13.874	1277600	20.0
Heneicosane	15.745	2.1	ng	119423	6	15.292	1157250	20.0