LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122724\
Data File : BF141013.D
Acq On : 27 Dec 2024 22:36
Operator : RC/JU
Sample : P5383-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-12232024

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-BF122624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141013.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.040	491	501	508	rBV2	49089	95294	1.76%	0.243%
2	5.434	561	568	573	rBV	3977142	5285713	97.87%	13.485%
3	6.439	733	739	752	rVB	3663265	5314129	98.39%	13.558%
4	6.822	799	804	810	rVB	1209479	1530525	28.34%	3.905%
5	7.381	891	899	905	rBV	2470501	3331713	61.69%	8.500%
6	7.639	938	943	949	rVB	111646	135911	2.52%	0.347%
7	8.104	1017	1022	1036	rVB	1577380	1992781	36.90%	5.084%
8	8.322	1054	1059	1065	rVB	46713	59362	1.10%	0.151%
9	9.180	1199	1205	1210	rBV	4216066	5400843	100.00%	13.779%
10	9.857	1314	1320	1324	rBV	1481822	1868827	34.60%	4.768%
11	10.569	1436	1441	1446	rBV	619029	753330	13.95%	1.922%
12	10.639	1448	1453	1467	rVV	2142487	2730350	50.55%	6.966%
13	11.233	1549	1554	1560	rVB2	25798	56696	1.05%	0.145%
14	11.339	1567	1572	1580	rBV2	1263789	1776991	32.90%	4.534%
15	11.869	1658	1662	1672	rVV	429647	597680	11.07%	1.525%
16	11.951	1672	1676	1686	rVB	89795	190846	3.53%	0.487%
17	12.133	1703	1707	1710	rBV3	38320	64377	1.19%	0.164%
18	12.551	1774	1778	1783	rBV	301679	379864	7.03%	0.969%
19	12.657	1792	1796	1801	rBV2	105447	172060	3.19%	0.439%
20	12.780	1812	1817	1823	rBV	301947	420744	7.79%	1.073%
21	12.927	1837	1842	1847	rBV	3234950	4023590	74.50%	10.265%
22	13.833	1992	1996	2005	rVB2	232942	349450	6.47%	0.892%
23	13.980	2015	2021	2031	rBV2	996562	1579477	29.25%	4.030%
24	15.433	2264	2268	2287	rVB	642253	1085788	20.10%	2.770%

Sum of corrected areas: 39196341

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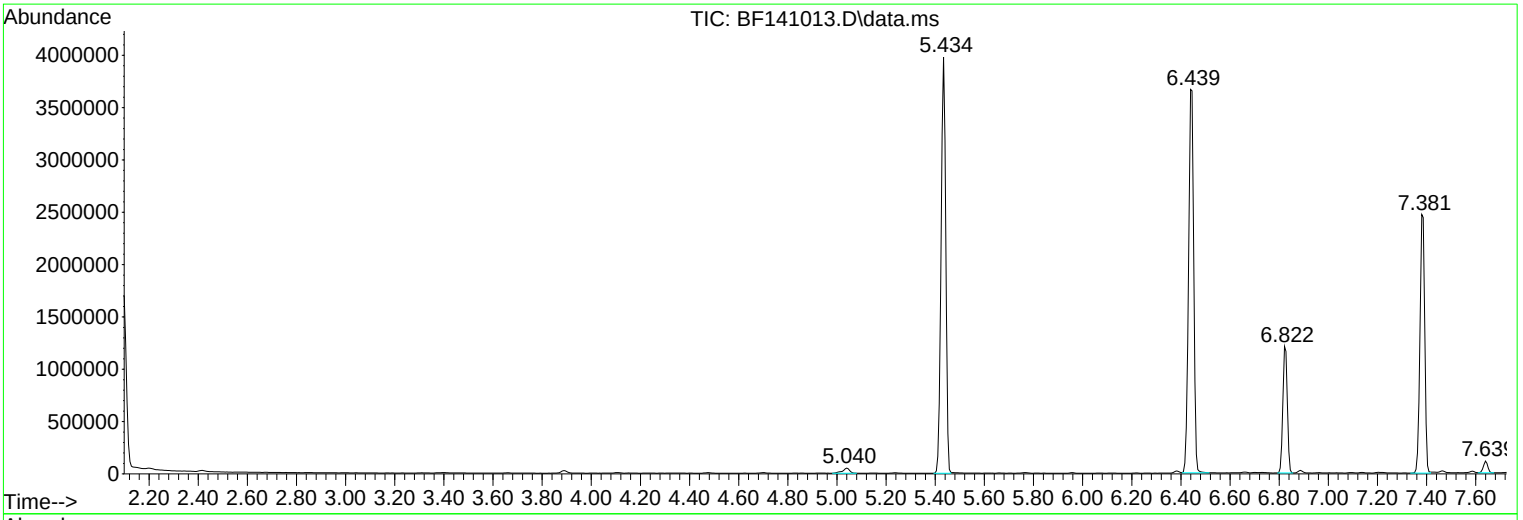
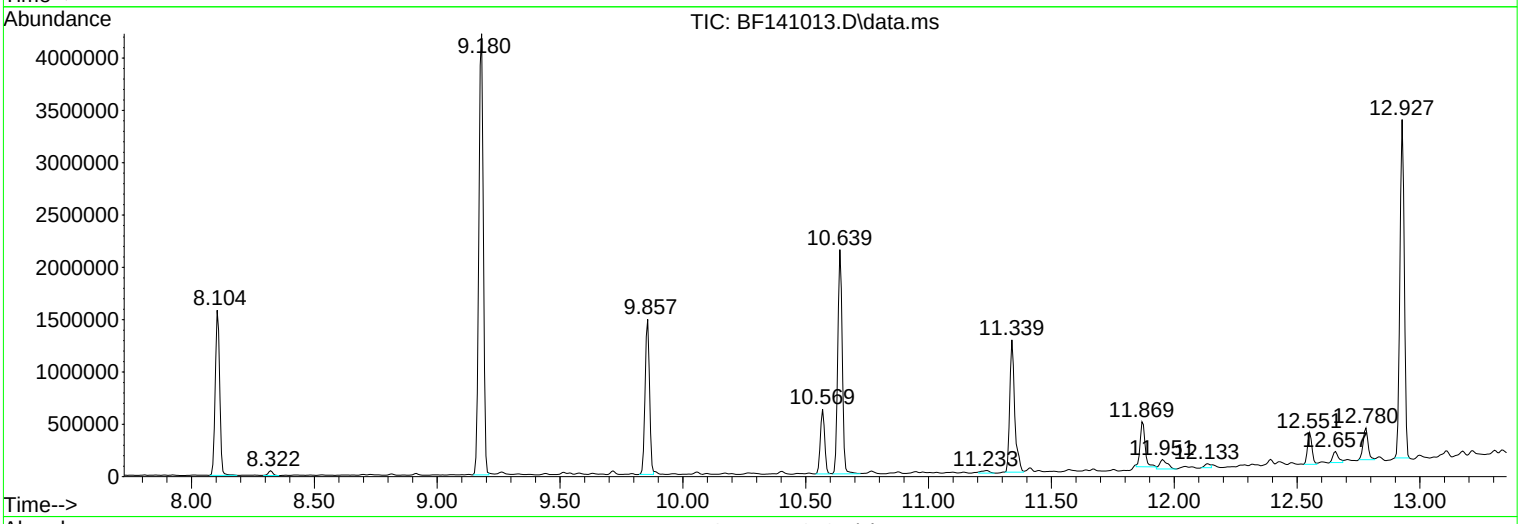
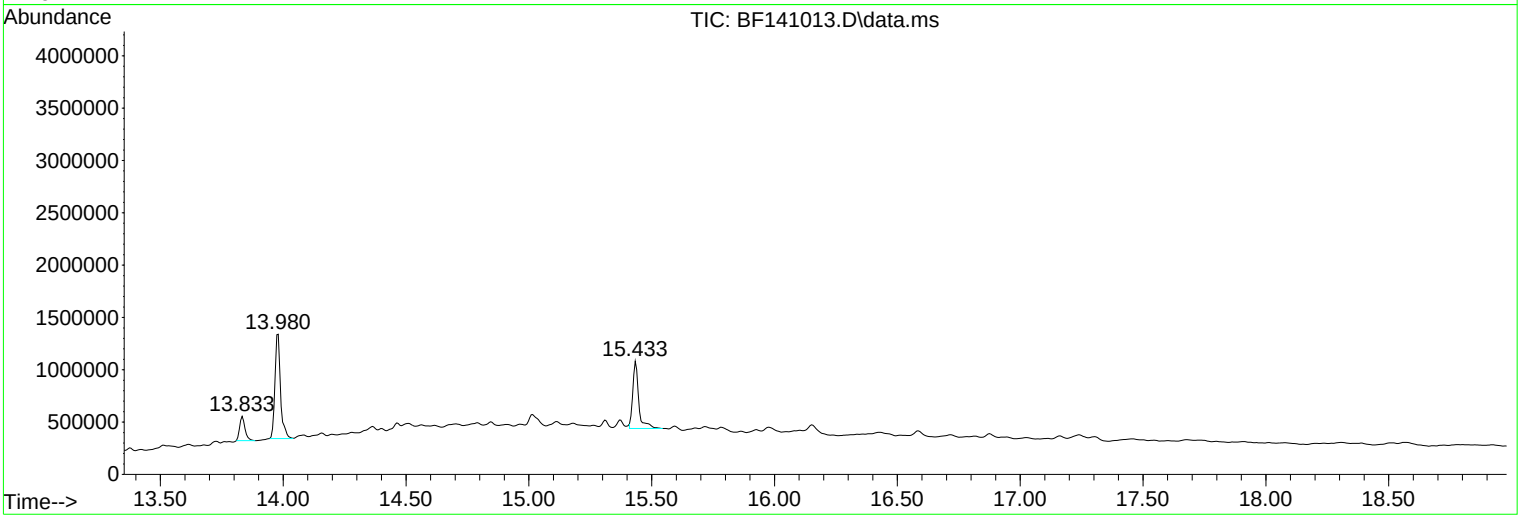
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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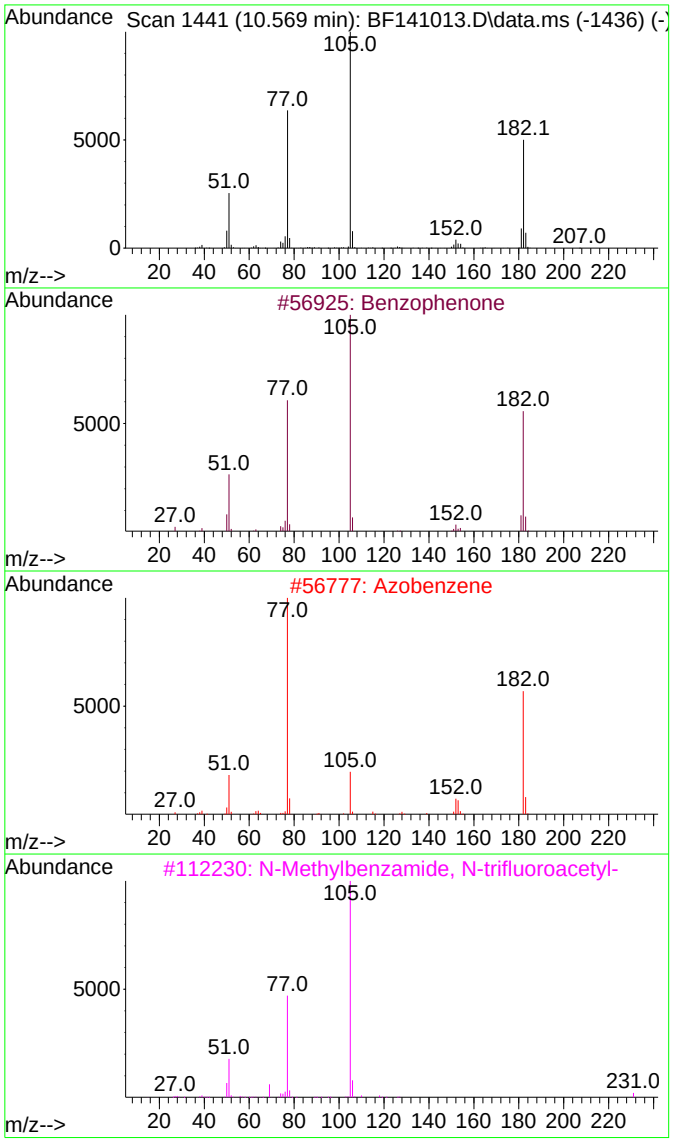
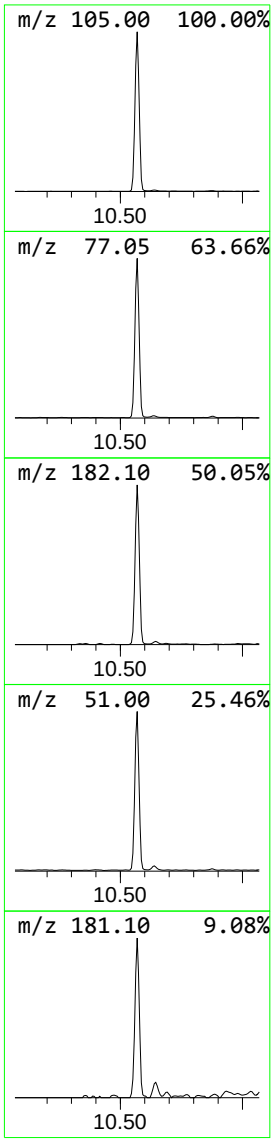
Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.569	8.06 ng	753330	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47
4	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
5	Vinyl benzoate	148	C9H8O2	000769-78-8	47





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.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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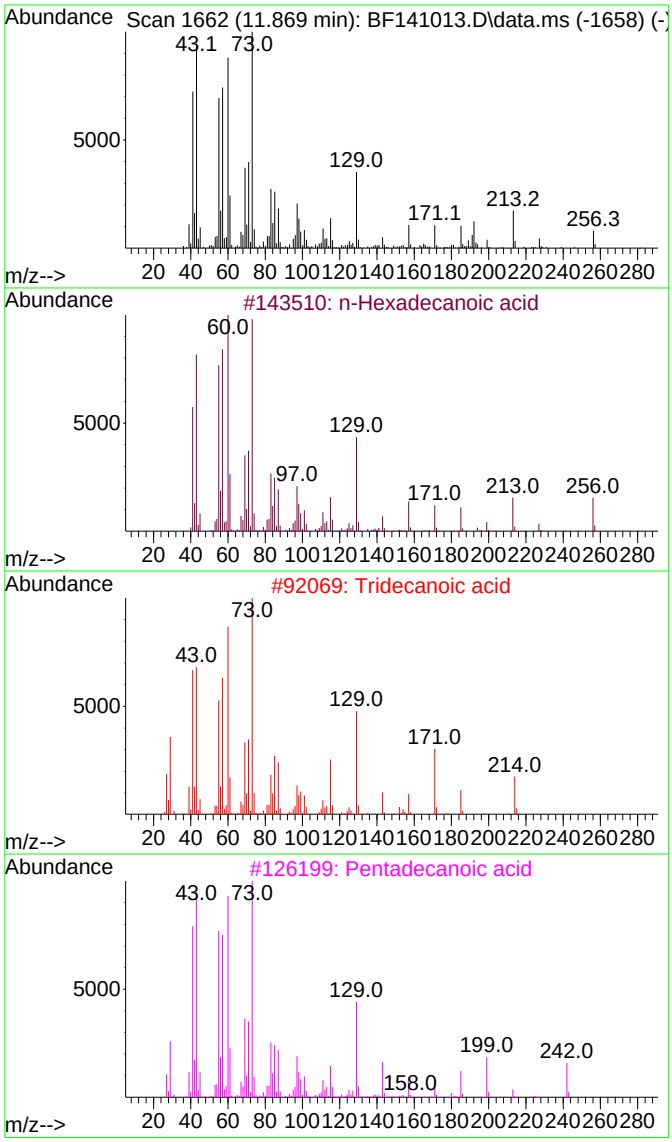
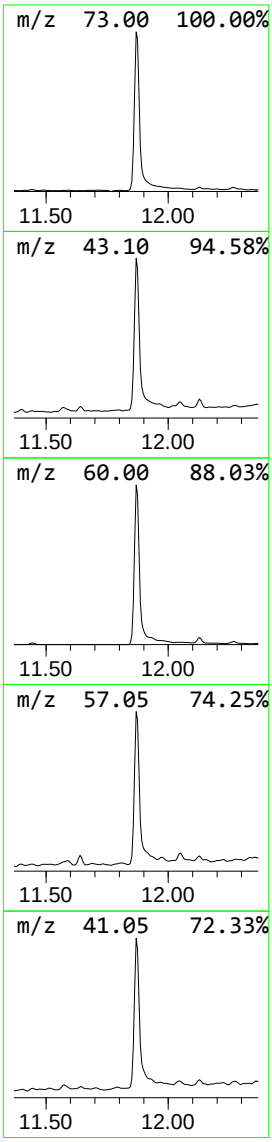
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.868	6.73 ng	597680	Phenanthrene-d10	11.339

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	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	60





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Sample : P5383-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-12232024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.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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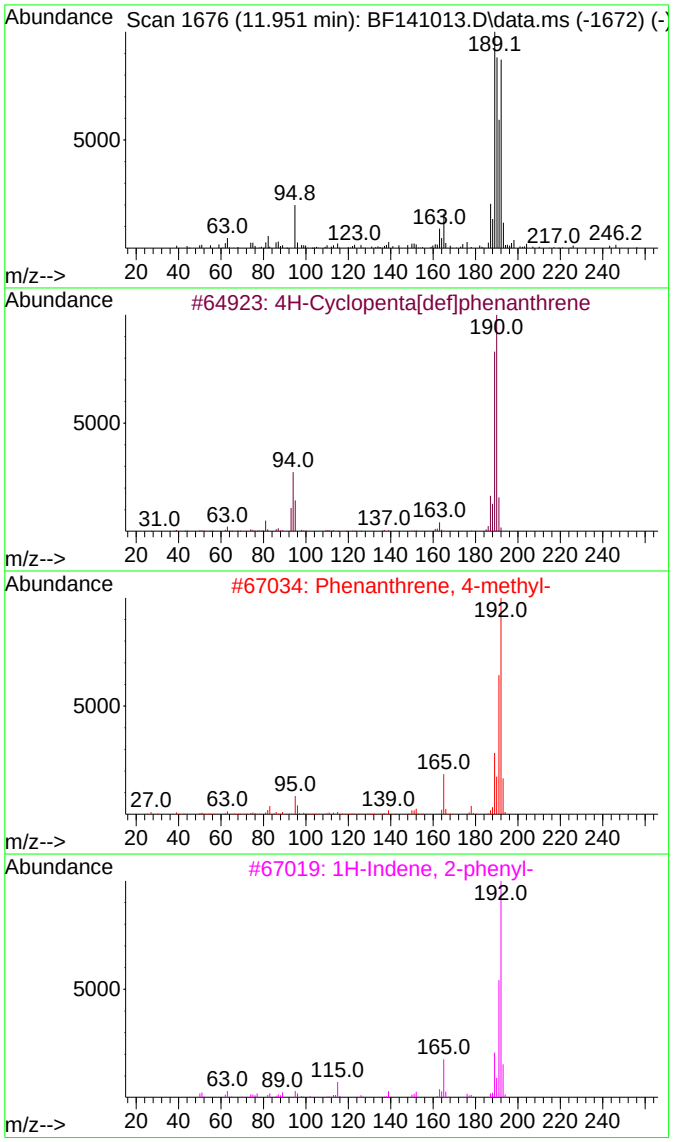
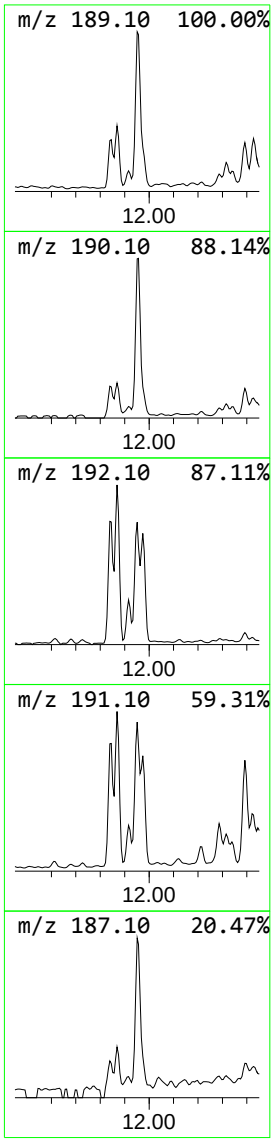
Peak Number 3 unknown11.951 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	2.15 ng	190846	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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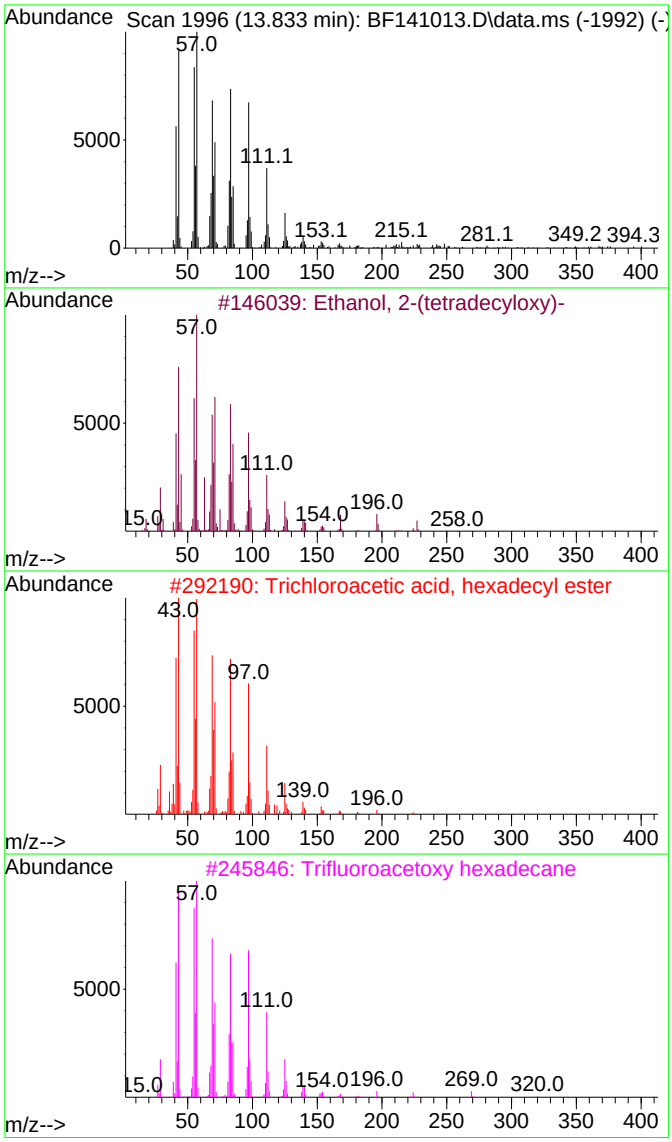
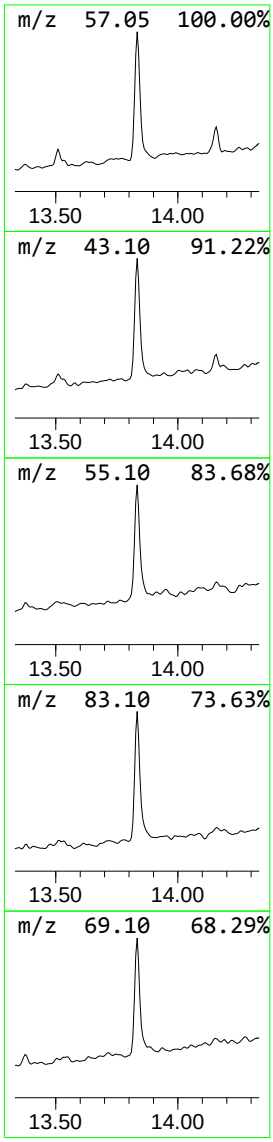
Peak Number 4 Ethanol, 2-(tetradecyloxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.833	4.42 ng	349450	Chrysene-d12	13.980

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	94
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	94
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	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
Benzophenone	10.569	8.1	ng	753330	3	9.857	1868830	20.0
n-Hexadecanoic ...	11.868	6.7	ng	597680	4	11.339	1776990	20.0
unknown11.951	11.951	2.1	ng	190846	4	11.339	1776990	20.0
Ethanol, 2-(tet...	13.833	4.4	ng	349450	5	13.980	1579480	20.0