LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142448.D
Acq On : 19 May 2025 13:37
Operator : RC/JU
Sample : Q2032-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-29-99

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-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142448.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.422	203	209	232	rBV	54005	140279	5.95%	0.736%
2	5.116	489	497	506	rVB	163063	235733	10.01%	1.237%
3	5.516	559	565	570	rBV	1539827	2011188	85.36%	10.556%
4	6.522	729	736	741	rBV	1479252	2033790	86.32%	10.674%
5	6.728	766	771	783	rVB	39798	58600	2.49%	0.308%
6	6.898	795	800	806	rBV	572475	717644	30.46%	3.767%
7	7.457	889	895	901	rBV	1011712	1332251	56.55%	6.992%
8	7.716	933	939	946	rBV	22887	31494	1.34%	0.165%
9	8.181	1013	1018	1027	rBV	823442	1054351	44.75%	5.534%
10	8.398	1050	1055	1063	rBV3	18740	27073	1.15%	0.142%
11	8.492	1066	1071	1082	rVV	112600	159647	6.78%	0.838%
12	9.257	1195	1201	1206	rBV	1901411	2356067	100.00%	12.366%
13	9.939	1311	1317	1322	rBV	804700	1013035	43.00%	5.317%
14	10.034	1326	1333	1342	rBV	1037388	1575549	66.87%	8.269%
15	10.651	1432	1438	1445	rBV	67773	85487	3.63%	0.449%
16	10.722	1445	1450	1463	rBV	1127824	1498428	63.60%	7.865%
17	11.422	1564	1569	1577	rBV	806291	1051212	44.62%	5.517%
18	11.945	1653	1658	1671	rBV2	128503	204345	8.67%	1.073%
19	12.733	1787	1792	1804	rVV	24747	43232	1.83%	0.227%
20	12.904	1818	1821	1829	rVB	19182	25114	1.07%	0.132%
21	13.010	1833	1839	1844	rBV	1581796	1972515	83.72%	10.353%
22	13.904	1986	1991	2008	rBV	50278	103623	4.40%	0.544%
23	14.063	2013	2018	2028	rVB	519604	668751	28.38%	3.510%
24	15.551	2265	2271	2285	rBV	410166	653617	27.74%	3.431%

Sum of corrected areas: 19053025

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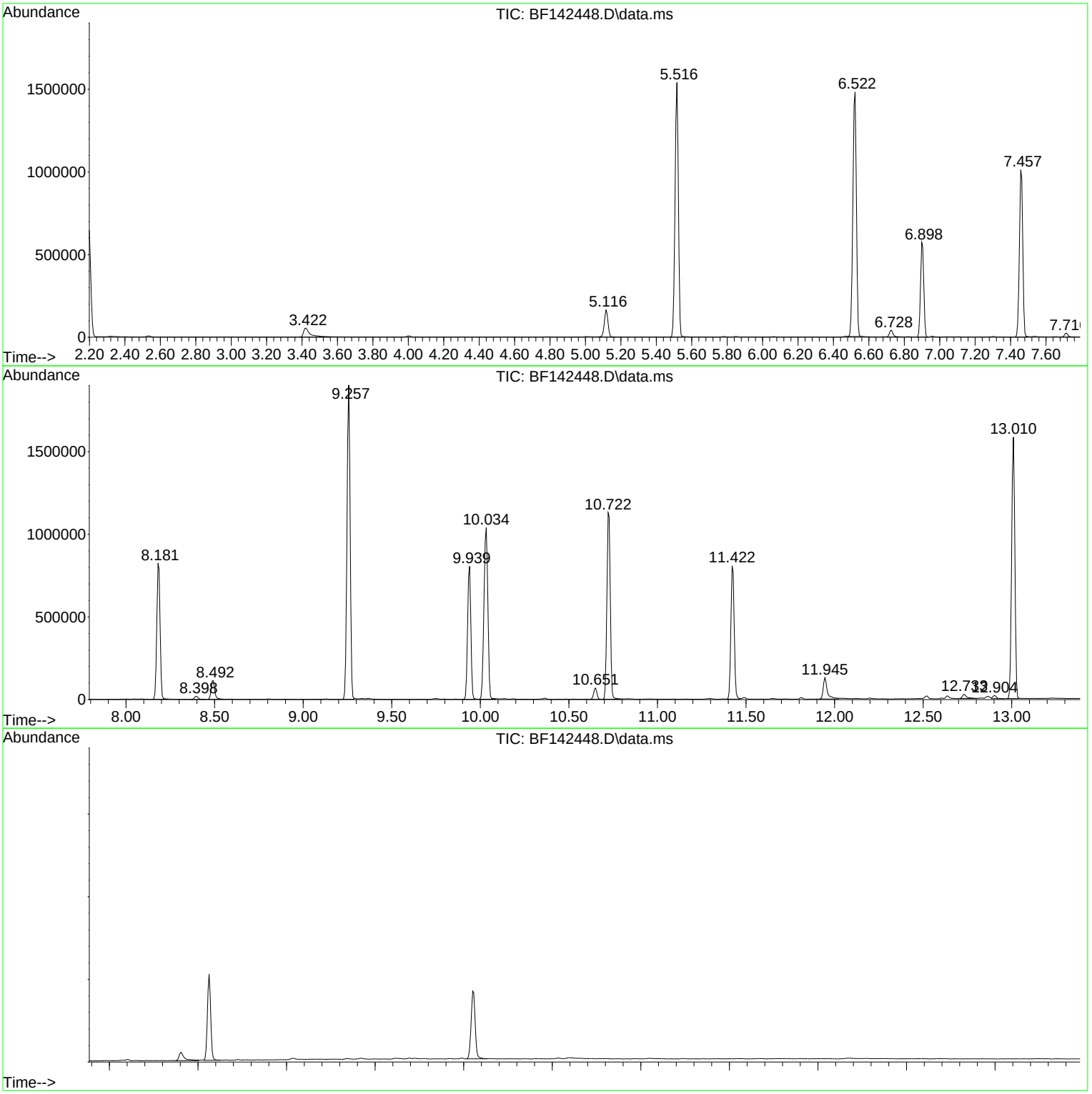
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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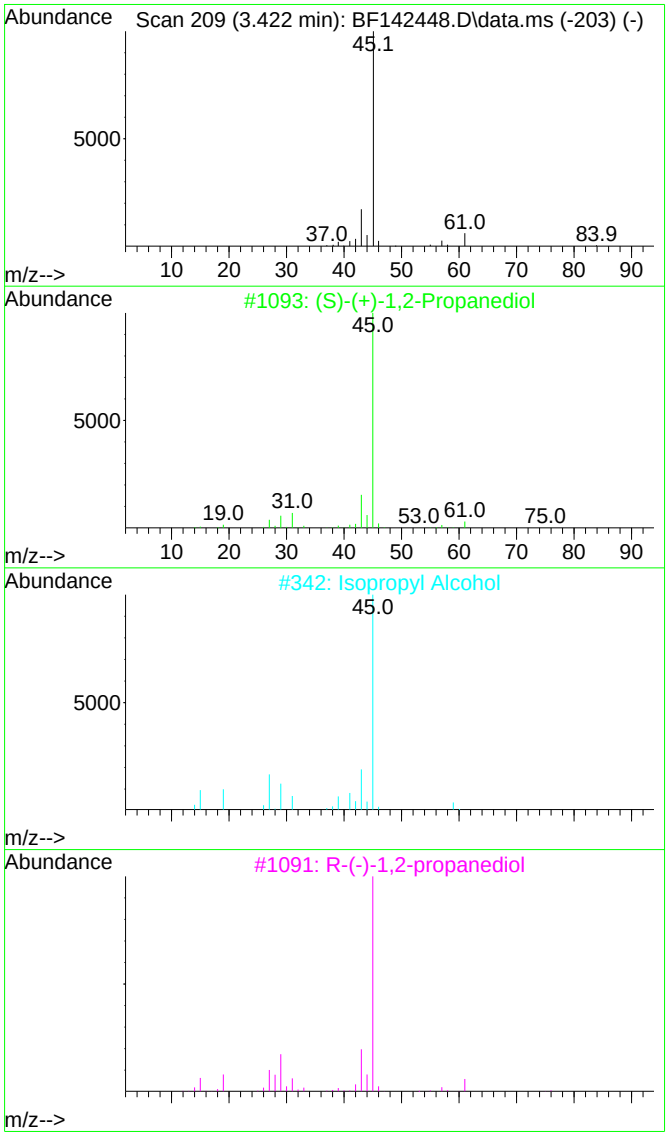
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

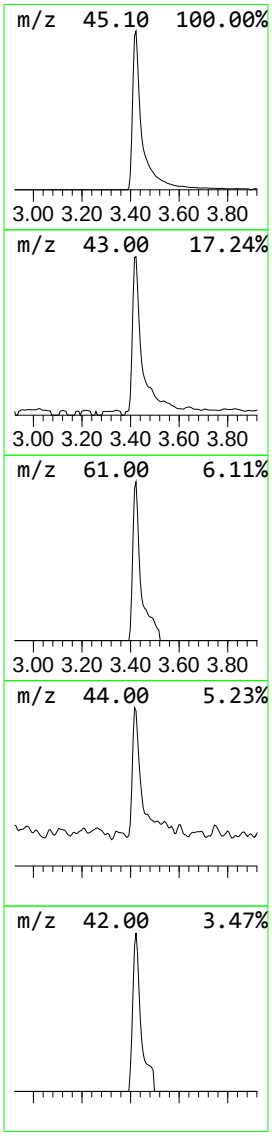
****

Peak Number 1 unknown3.422 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.422	3.91 ng	140279	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	40
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
3	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9
4	Propylene Glycol	76	C3H8O2	000057-55-6	9
5	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	9





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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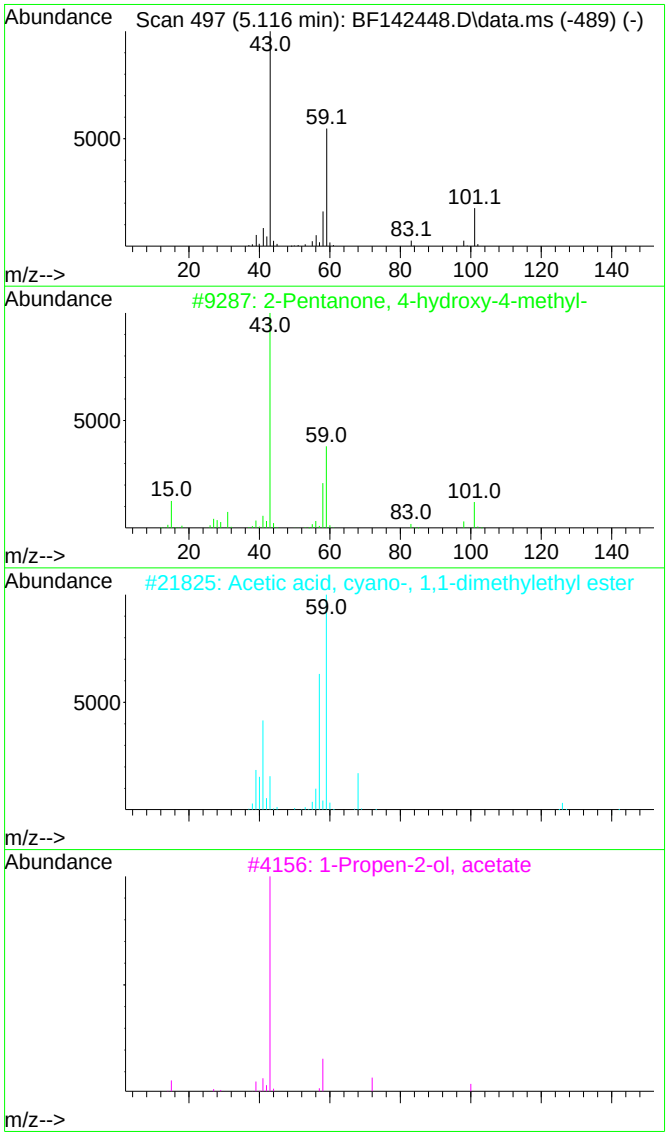
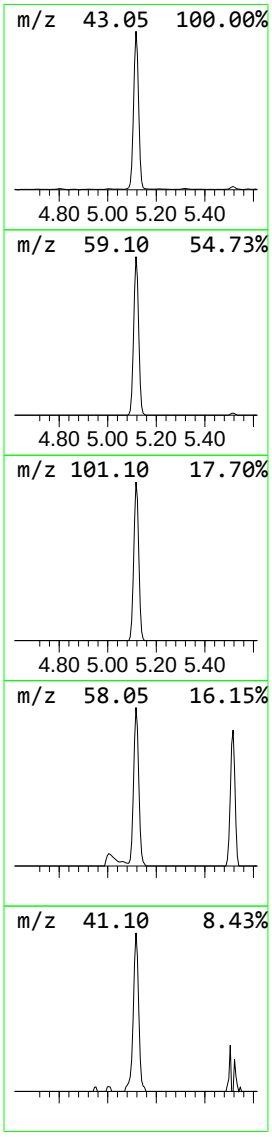
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.116	6.57 ng	235733	1,4-Dichlorobenzene-d4	6.898

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	1,2-Butanediol	90	C4H10O2	000584-03-2	9





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BNA_F
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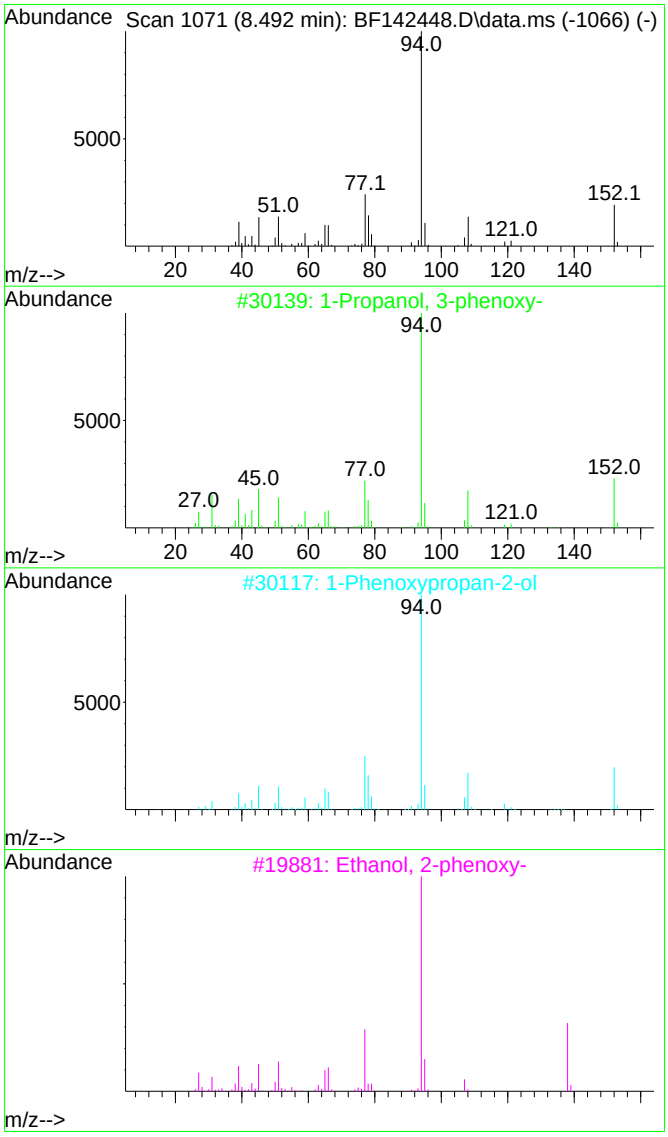
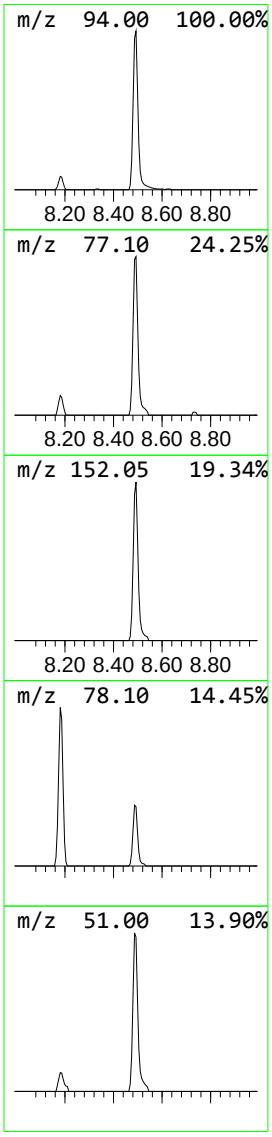
****
Peak Number 3 1-Propanol, 3-phenoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.492	3.03 ng	159647	Naphthalene-d8	8.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	97
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
3	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	59
4	Benzene, (1-methylpropoxy)-	150	C10H14O	010574-17-1	50
5	Pyrimidine, 5-methyl-	94	C5H6N2	002036-41-1	47





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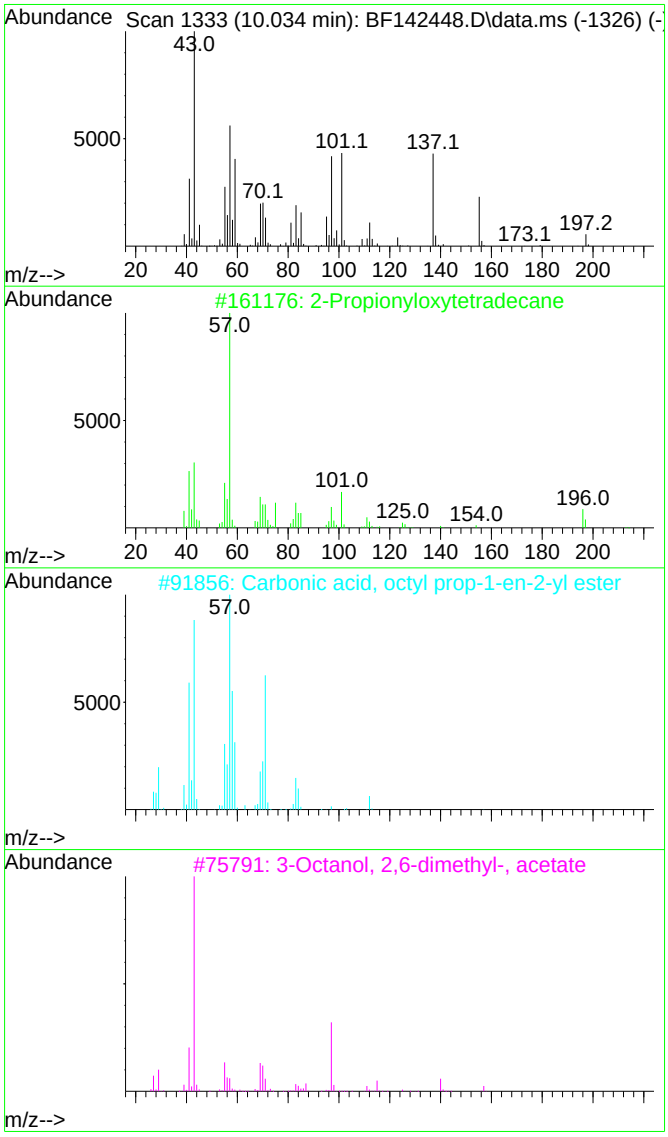
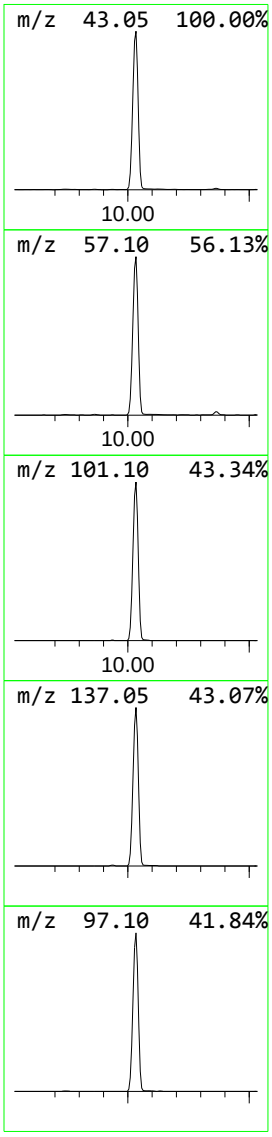
Peak Number 4 unknown10.034 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.034	31.11 ng	1575550	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propionyloxytetradecane	270	C17H34O2	1000245-62-7	12
2	Carbonic acid, octyl prop-1-en-2...	214	C12H22O3	1000382-54-0	12
3	3-Octanol, 2,6-dimethyl-, acetate	200	C12H24O2	123232-57-5	10
4	6,10,14-Trimethyl-pentadecan-2-ol	270	C18H38O	069729-17-5	10
5	2-Piperidinone, N-[4-bromo-n-but...	233	C9H16BrNO	195194-80-0	10





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

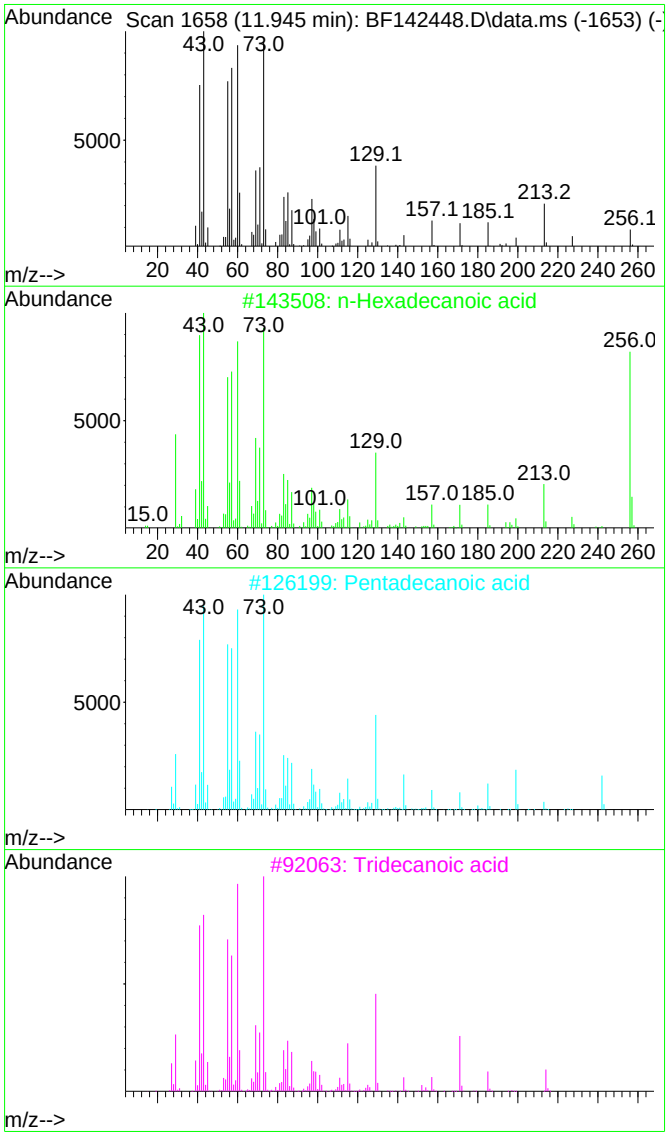
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

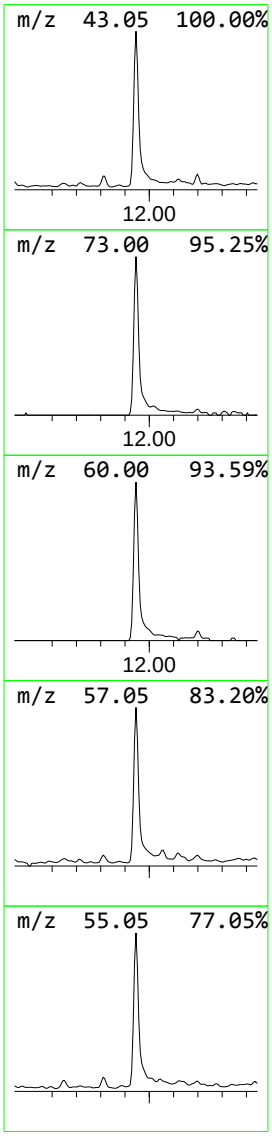
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	3.89 ng	204345	Phenanthrene-d10	11.422

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	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





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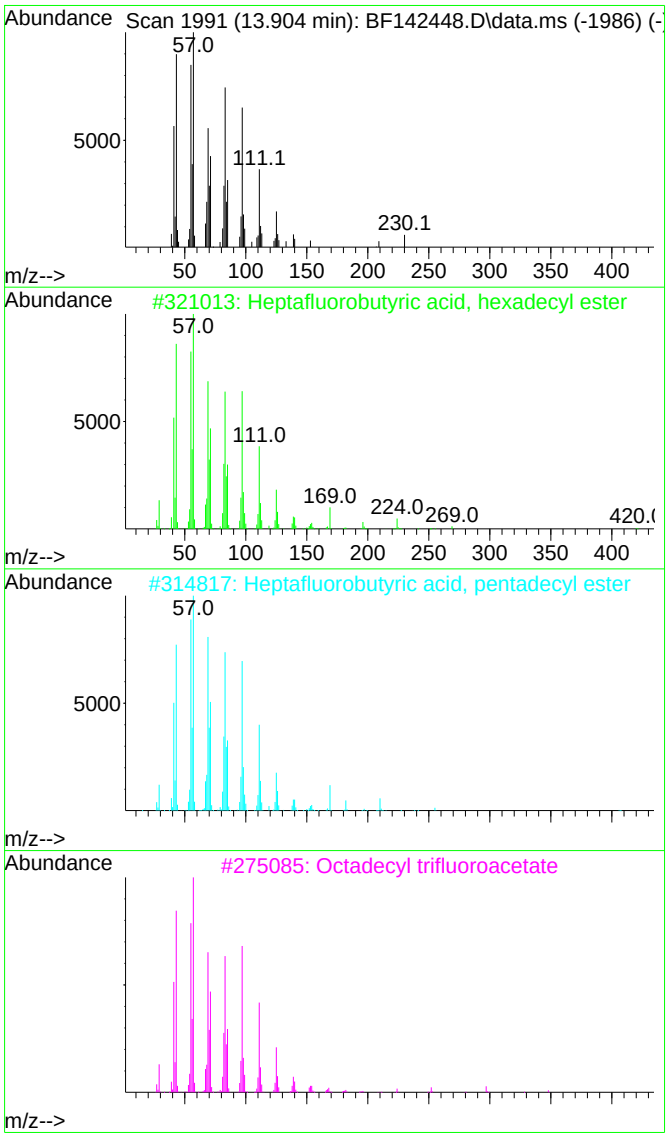
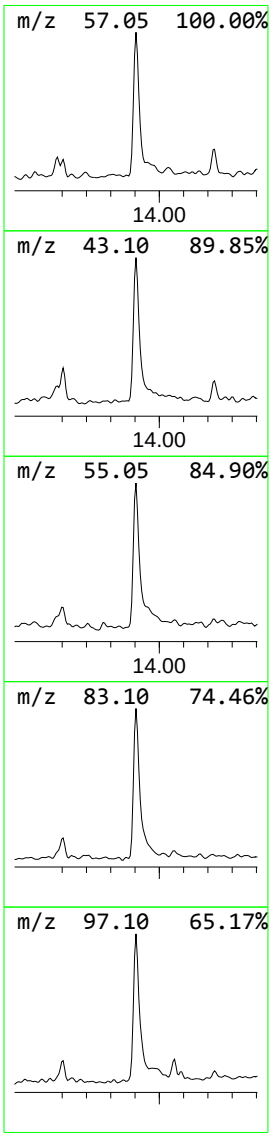
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Heptafluorobutyric acid, he... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	3.10 ng	103623	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	95
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	95
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	95
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	95
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	95





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
unknown3.422	3.422	3.9	ng	140279	1	6.898	717644	20.0
2-Pentanone, 4-...	5.116	6.6	ng	235733	1	6.898	717644	20.0
1-Propanol, 3-p...	8.492	3.0	ng	159647	2	8.181	1054350	20.0
unknown10.034	10.034	31.1	ng	1575550	3	9.939	1013040	20.0
n-Hexadecanoic ...	11.945	3.9	ng	204345	4	11.422	1051210	20.0
Heptafluorobuty...	13.904	3.1	ng	103623	5	14.063	668751	20.0