LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143201.D
Acq On : 22 Jul 2025 21:18
Operator : RC/JU
Sample : Q2649-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-6

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: BF143201.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.316	14	21	28	rVB	540151	855116	47.29%	5.077%
2	5.198	504	511	517	rBV	157507	218286	12.07%	1.296%
3	5.604	574	580	585	rBV	1321099	1708396	94.47%	10.144%
4	6.592	742	748	754	rBV	1338972	1808405	100.00%	10.737%
5	6.963	806	811	817	rVB	504956	644809	35.66%	3.829%
6	7.522	900	906	911	rBV	769090	1006617	55.66%	5.977%
7	7.769	944	948	952	rBV	18992	22871	1.26%	0.136%
8	8.245	1024	1029	1034	rBV	605504	754224	41.71%	4.478%
9	8.451	1061	1064	1068	rBV	14406	18342	1.01%	0.109%
10	9.322	1206	1212	1217	rBV	1104808	1411409	78.05%	8.380%
11	10.004	1323	1328	1333	rBV	526243	648165	35.84%	3.848%
12	10.410	1391	1397	1408	rVB	102862	160792	8.89%	0.955%
13	10.710	1443	1448	1453	rVB	187562	225066	12.45%	1.336%
14	10.786	1456	1461	1471	rBV	725694	956094	52.87%	5.677%
15	11.021	1497	1501	1507	rVB	24914	32527	1.80%	0.193%
16	11.145	1519	1522	1527	rBV3	14560	19868	1.10%	0.118%
17	11.486	1575	1580	1585	rBV	453290	573542	31.72%	3.405%
18	12.010	1663	1669	1673	rBV	230530	379133	20.97%	2.251%
19	12.715	1780	1789	1798	rBV2	676820	1799287	99.50%	10.683%
20	13.068	1844	1849	1855	rVB	1285357	1649728	91.23%	9.795%
21	13.609	1938	1941	1944	rBV	34001	40003	2.21%	0.238%
22	13.909	1986	1992	1998	rBV3	221917	497965	27.54%	2.957%
23	13.962	1998	2001	2013	rVB4	129102	248822	13.76%	1.477%
24	14.127	2024	2029	2034	rVB	547484	704867	38.98%	4.185%
25	15.633	2281	2285	2294	rBV	297124	457930	25.32%	2.719%

Sum of corrected areas: 16842264

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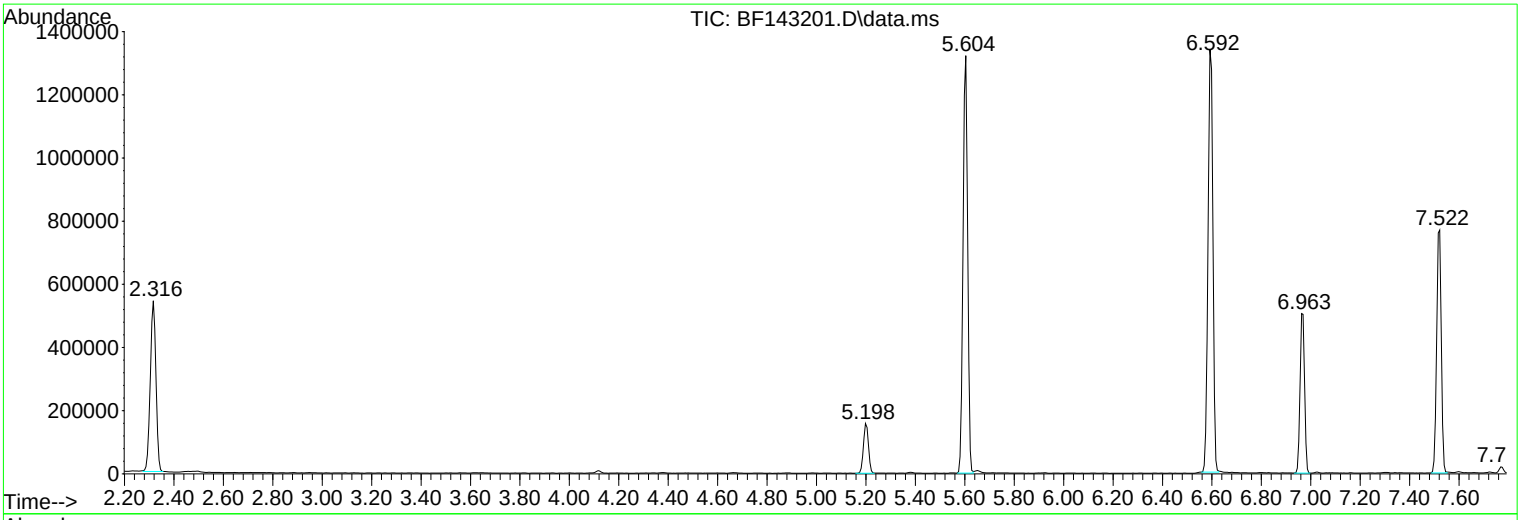
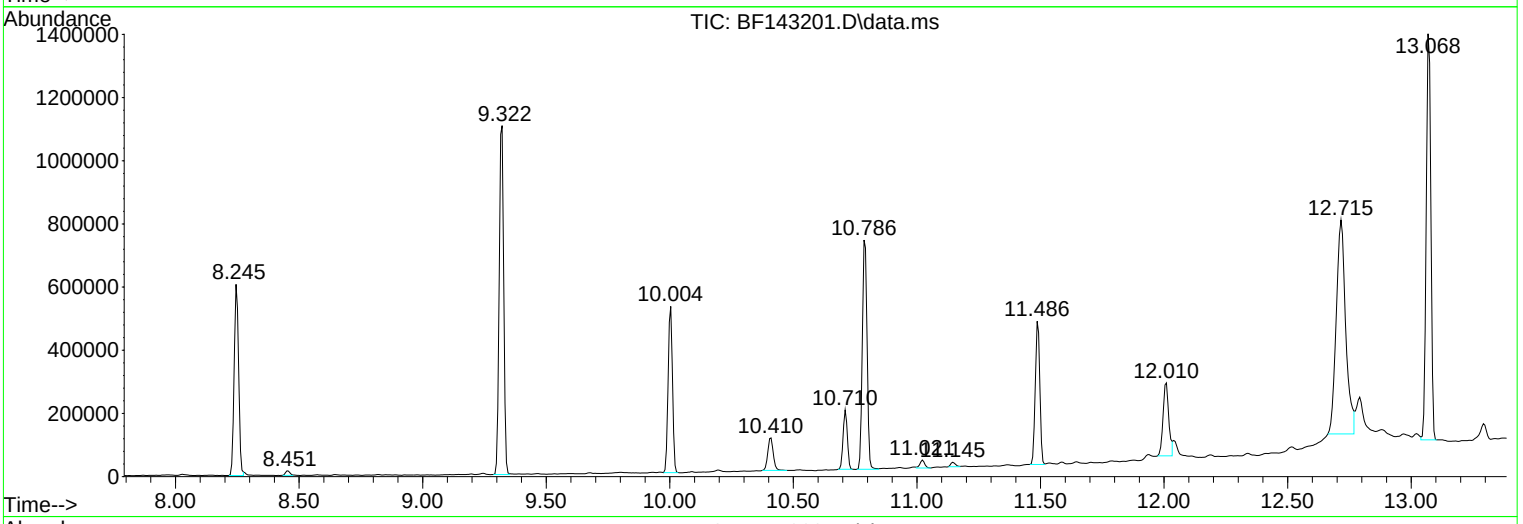
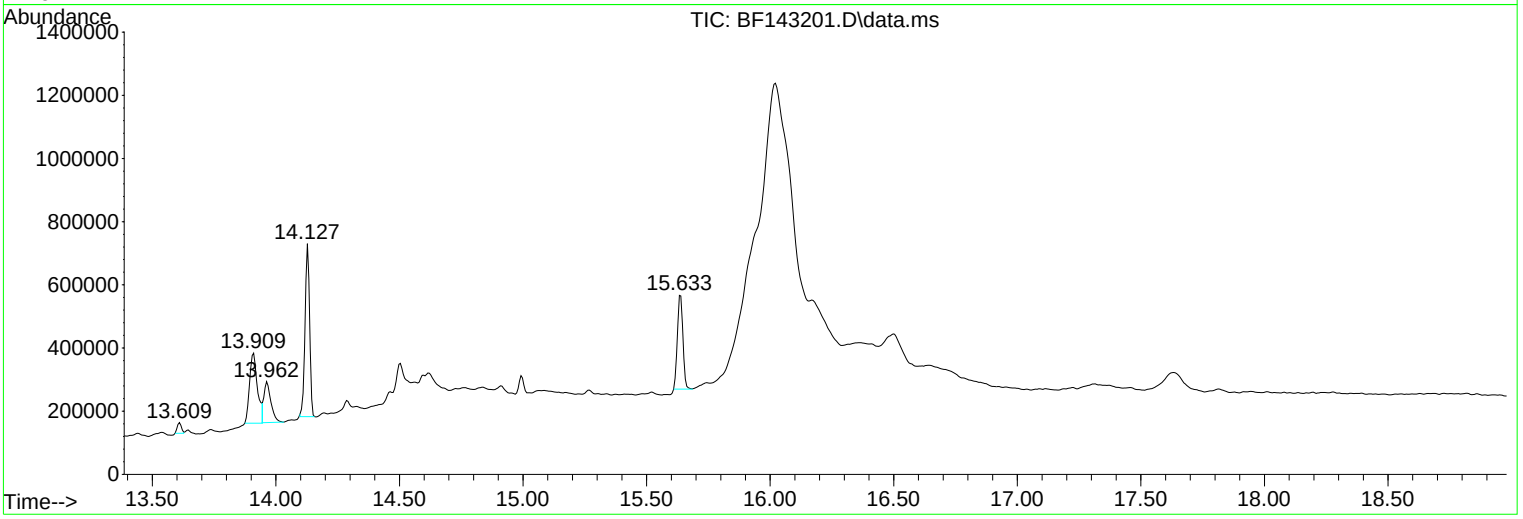
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

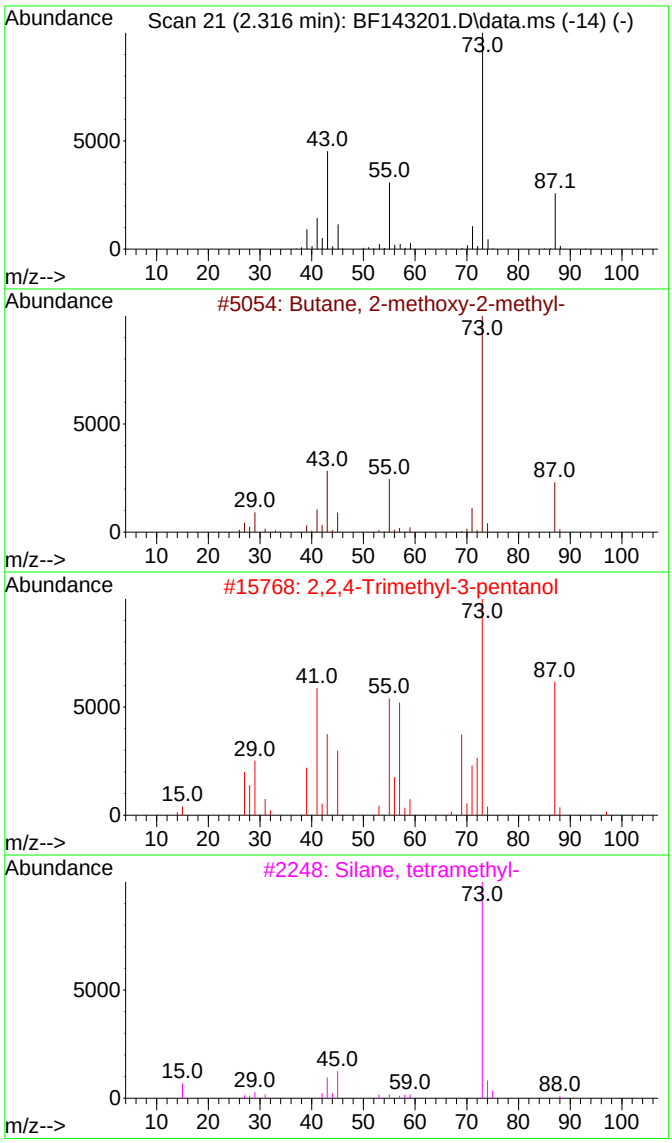
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

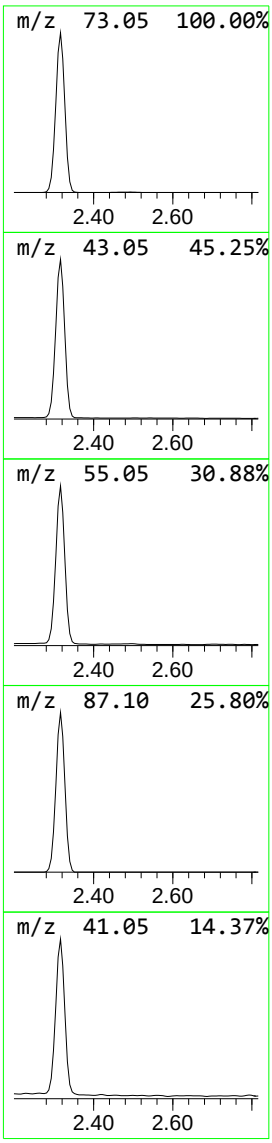
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.316	26.52 ng	855116	1,4-Dichlorobenzene-d4	6.969

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	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





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Instrument :
BNA_F
ClientSampleId :
WC-6

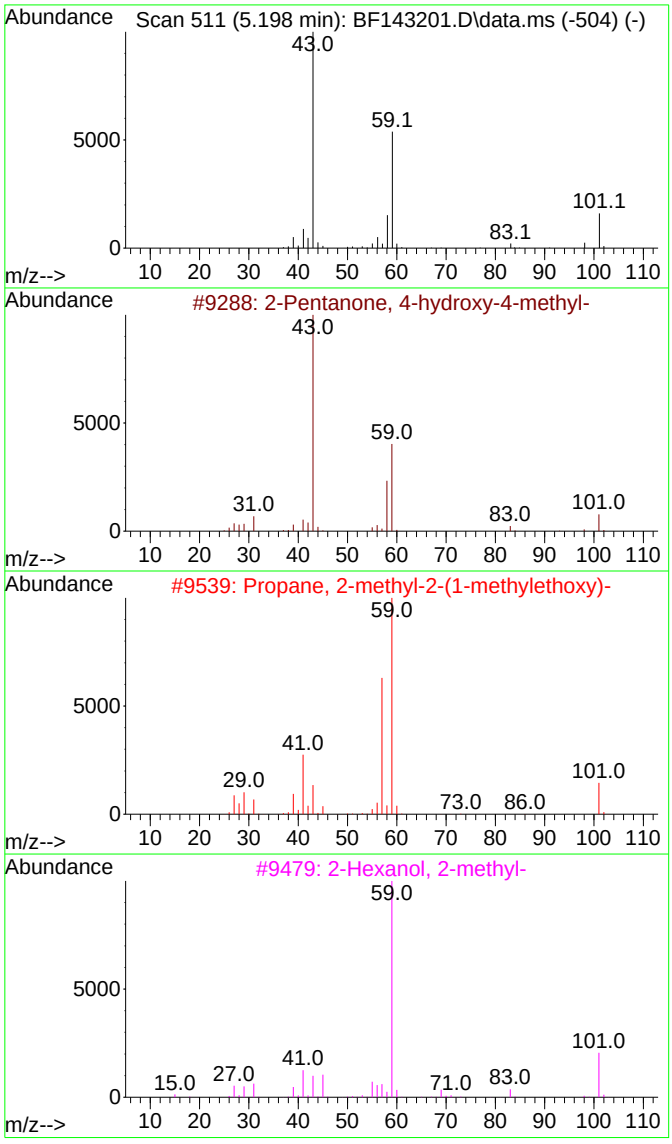
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

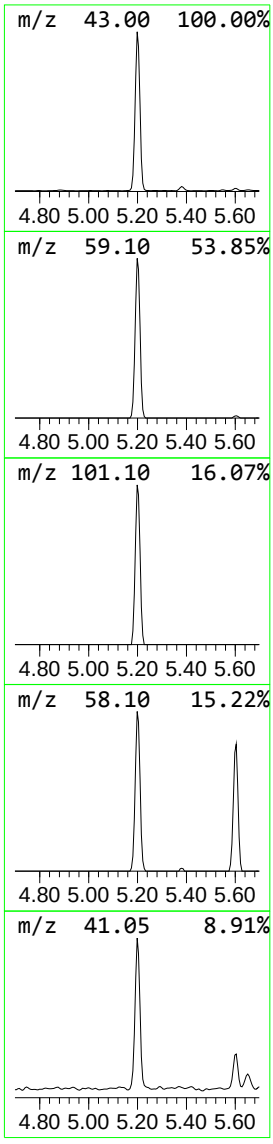
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.198	6.77 ng	218286	1,4-Dichlorobenzene-d4	6.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





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BNA_F
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TIC Library : C:\Database\NIST20.L
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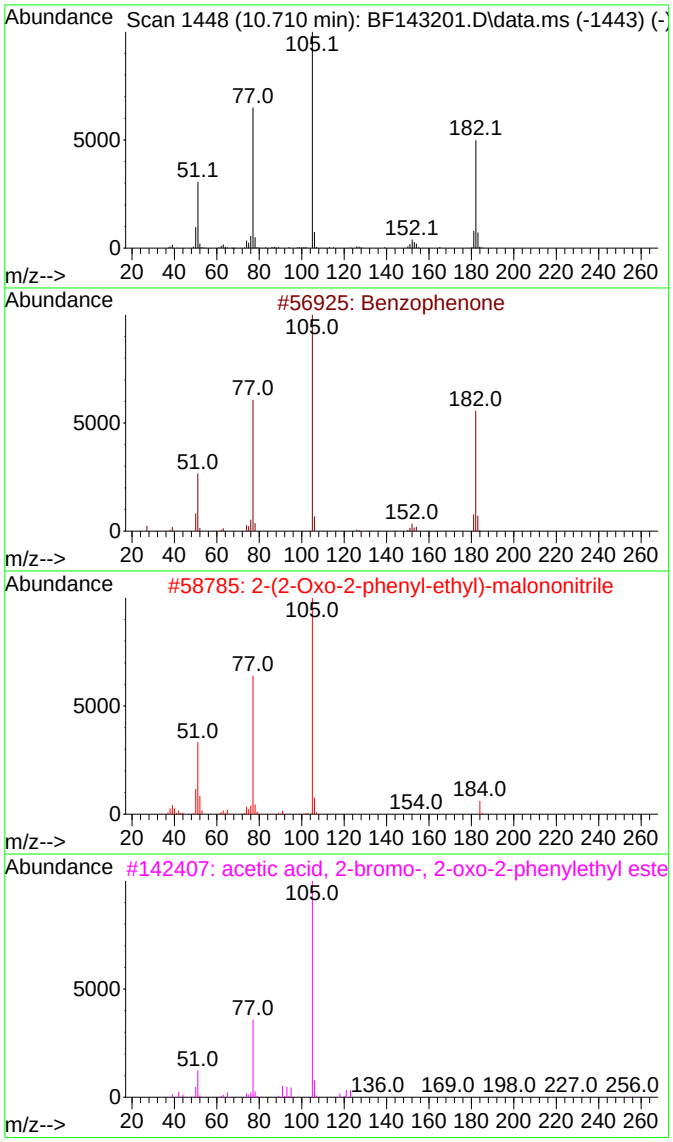
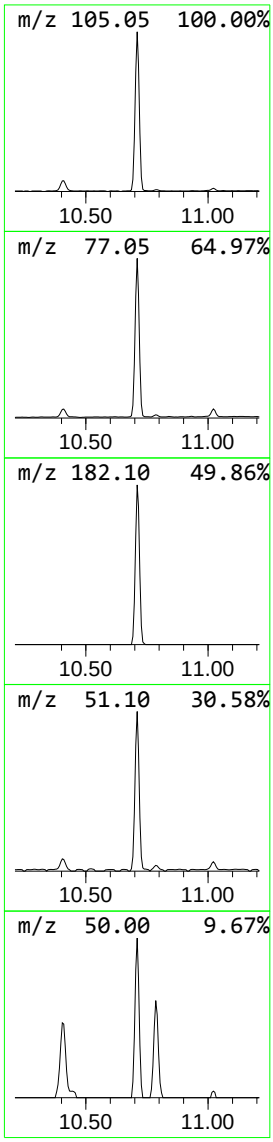
Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.710	6.94 ng	225066	Acenaphthene-d10	10.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	58
3	acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	50
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	50
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	50





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TIC Library : C:\Database\NIST20.L
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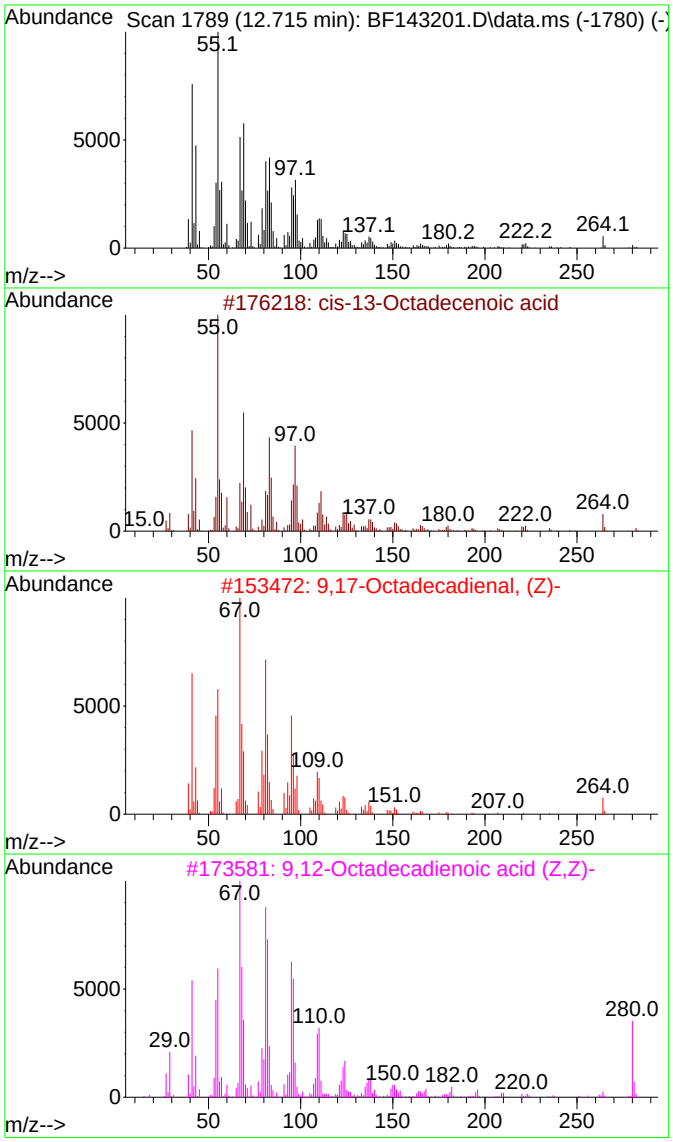
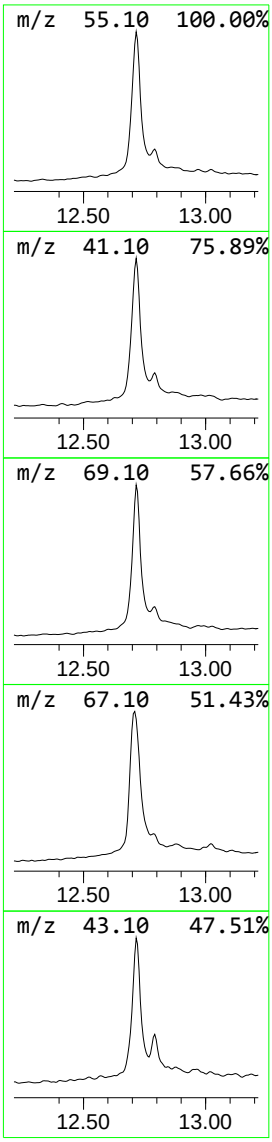
Peak Number 4 cis-13-Octadecenoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.715	62.74 ng	1799290	Phenanthrene-d10	11.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	95
2	9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	94
3	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	90
4	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	89
5	Z-12-Tetradecenal	210	C14H26O	1000130-76-5	87





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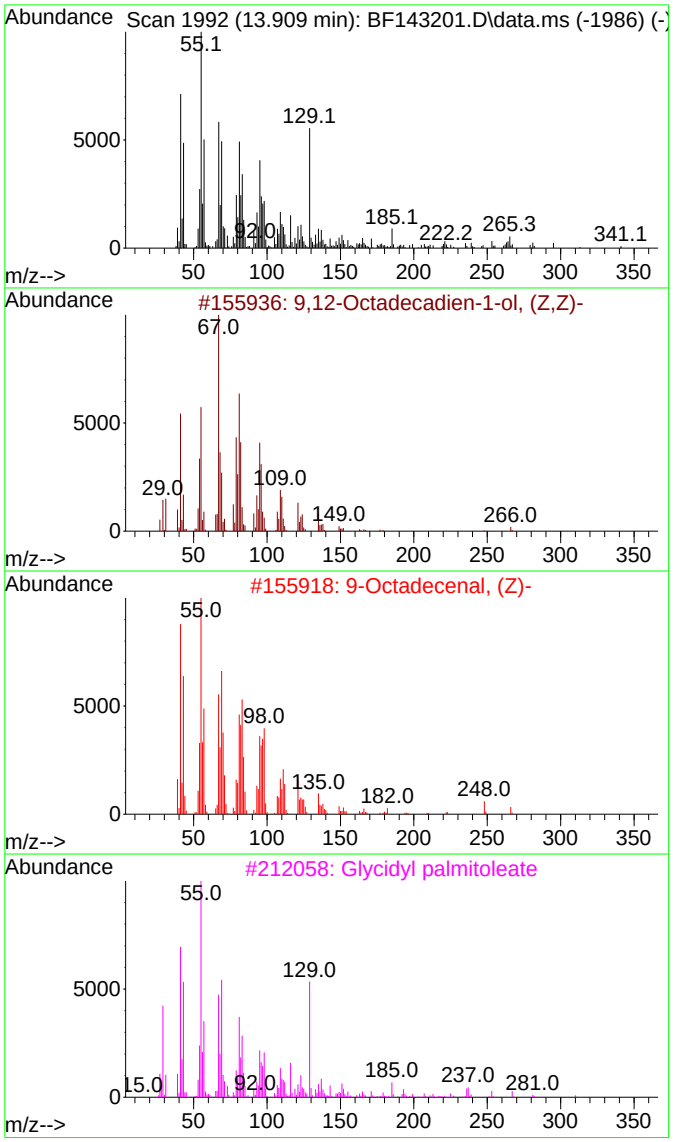
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

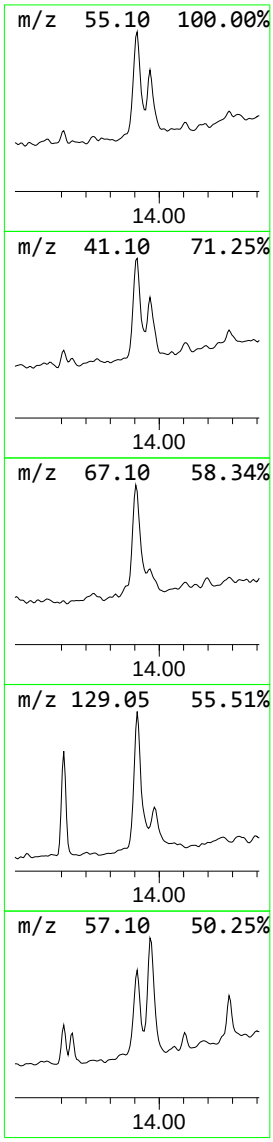
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9,12-Octadecadien-1-ol, (Z,Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	14.13 ng	497965	Chrysene-d12	14.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadien-1-ol, (Z,Z)-	266	C18H34O	000506-43-4	95
2	9-Octadecenal, (Z)-	266	C18H34O	002423-10-1	81
3	Glycidyl palmitoleate	310	C19H34O3	213738-77-3	76
4	Glycidyl (Z)-9-Heptadecenoate	324	C20H36O3	1000465-63-2	70
5	7-Tetradecyne	194	C14H26	035216-11-6	64





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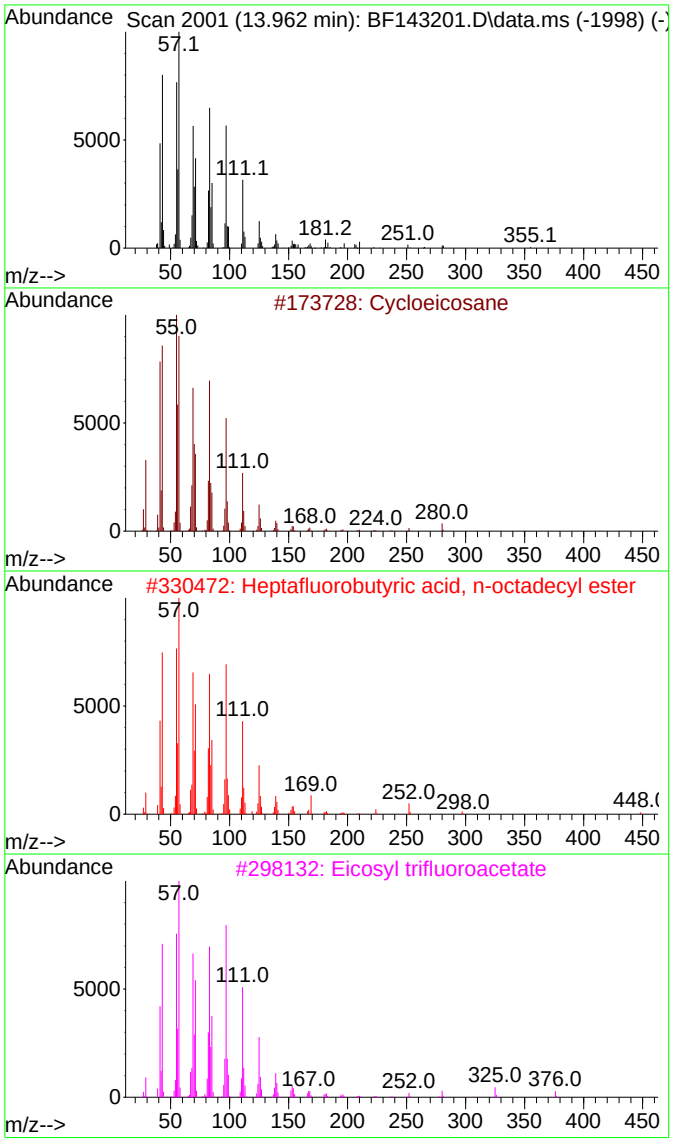
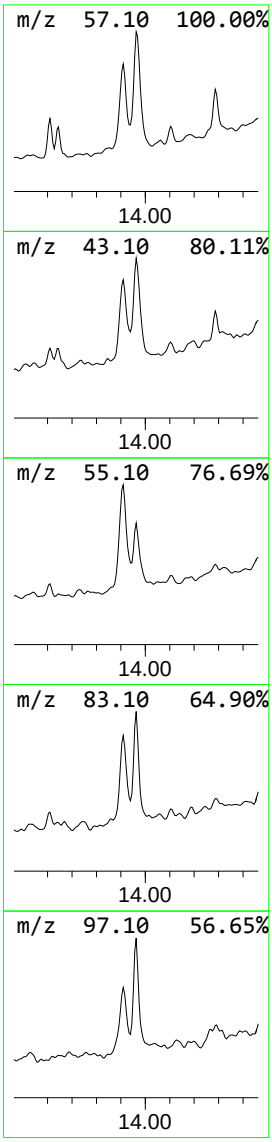
****

Peak Number 6 Cycloeicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.962	7.06 ng	248822	Chrysene-d12	14.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	96
2	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
3	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	91
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
5	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91





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...	2.316	26.5	ng	855116	1	6.969	644809	20.0
2-Pentanone, 4-...	5.198	6.8	ng	218286	1	6.969	644809	20.0
Benzophenone	10.710	6.9	ng	225066	3	10.004	648165	20.0
cis-13-Octadece...	12.715	62.7	ng	1799290	4	11.486	573542	20.0
9,12-Octadecadi...	13.910	14.1	ng	497965	5	14.127	704867	20.0
Cycloeicosane	13.962	7.1	ng	248822	5	14.127	704867	20.0