LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090121\
Data File : BF125308.D
Acq On : 1 Sep 2021 16:03
Operator : JU/CG
Sample : M3607-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20211022-FIELD-BLANK

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-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125308.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.151	5	11	17	rVB	2977309	3866033	57.51%	9.392%
2	5.522	579	584	587	rBV	2186857	2100636	31.25%	5.103%
3	6.528	751	755	770	rVB	1581539	1324277	19.70%	3.217%
4	6.904	816	819	822	rBV	1289774	989124	14.72%	2.403%
5	7.469	910	915	918	rBV	3110682	2996976	44.59%	7.280%
6	8.086	1017	1020	1034	rBV	534725	690626	10.27%	1.678%
7	8.192	1034	1038	1041	rVV	1494375	1346572	20.03%	3.271%
8	9.269	1216	1221	1224	rBV	5806362	5231796	77.83%	12.709%
9	9.945	1332	1336	1347	rBV	1981143	1616108	24.04%	3.926%
10	10.739	1466	1471	1474	rBV	3984459	3814139	56.74%	9.266%
11	11.433	1585	1589	1596	rBV	2070978	1768129	26.30%	4.295%
12	11.821	1651	1655	1658	rBV	123167	108281	1.61%	0.263%
13	11.951	1674	1677	1682	rBV	144077	141171	2.10%	0.343%
14	12.527	1768	1775	1781	rBV	228982	225693	3.36%	0.548%
15	12.833	1824	1827	1834	rBV	251563	228831	3.40%	0.556%
16	13.027	1854	1860	1863	rBV	6362646	6721852	100.00%	16.329%
17	13.498	1932	1940	1950	rBV	1816561	3338751	49.67%	8.111%
18	13.568	1950	1952	1963	rVB	402884	421110	6.26%	1.023%
19	13.962	2012	2019	2029	rBV8	27705	97133	1.45%	0.236%
20	14.045	2030	2033	2035	rVV	167286	154695	2.30%	0.376%
21	14.074	2035	2038	2042	rVB	1714624	1606004	23.89%	3.901%
22	14.180	2053	2056	2058	rBV	160842	152473	2.27%	0.370%
23	14.833	2163	2167	2179	rBV	597996	673452	10.02%	1.636%
24	14.927	2180	2183	2188	rVB	61687	67741	1.01%	0.165%
25	15.574	2287	2293	2306	rBV	1139964	1482977	22.06%	3.603%

Sum of corrected areas: 41164580

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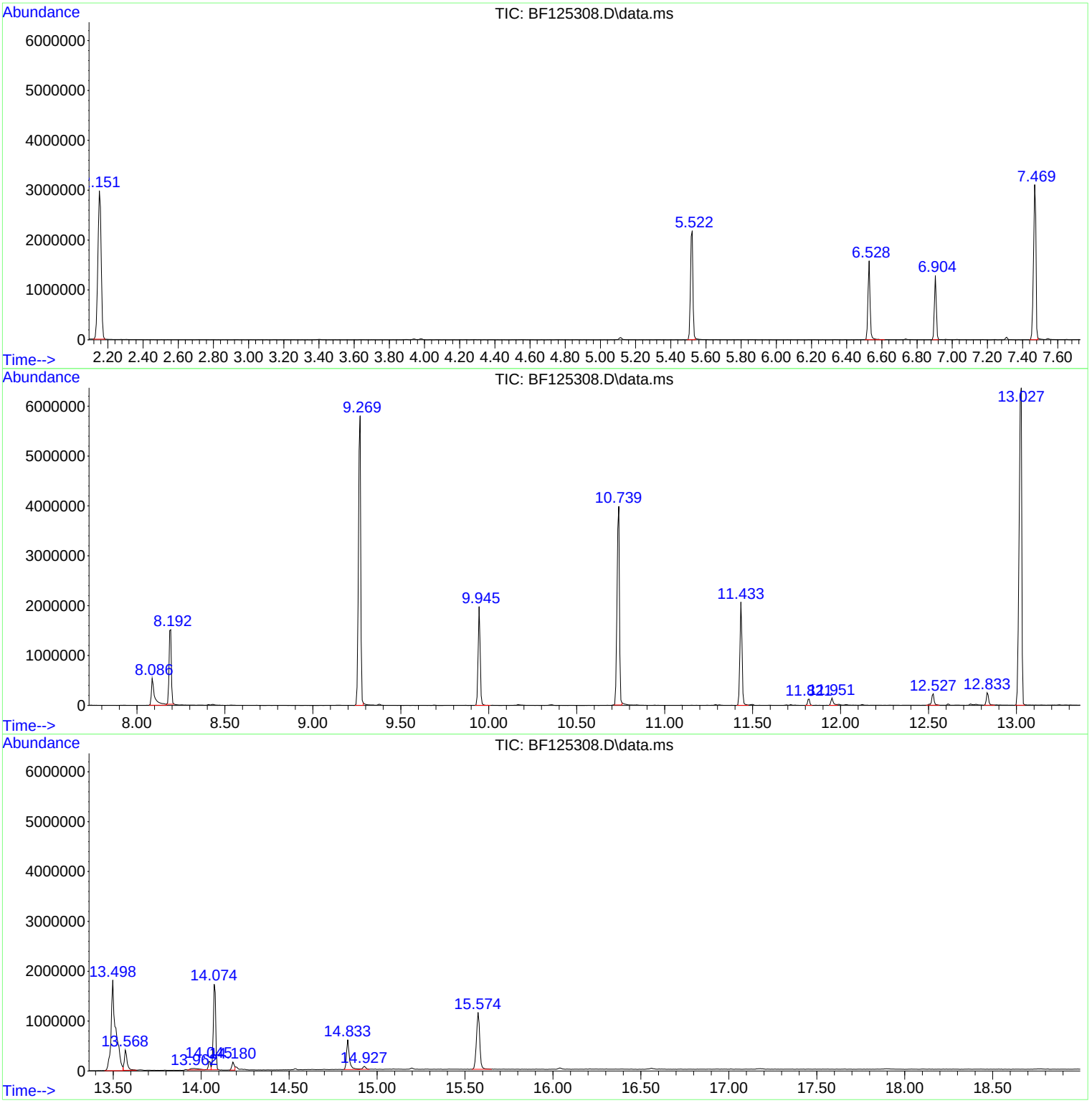
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20211022-FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090121\
Data File : BF125308.D
Acq On : 1 Sep 2021 16:03
Operator : JU/CG
Sample : M3607-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20211022-FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

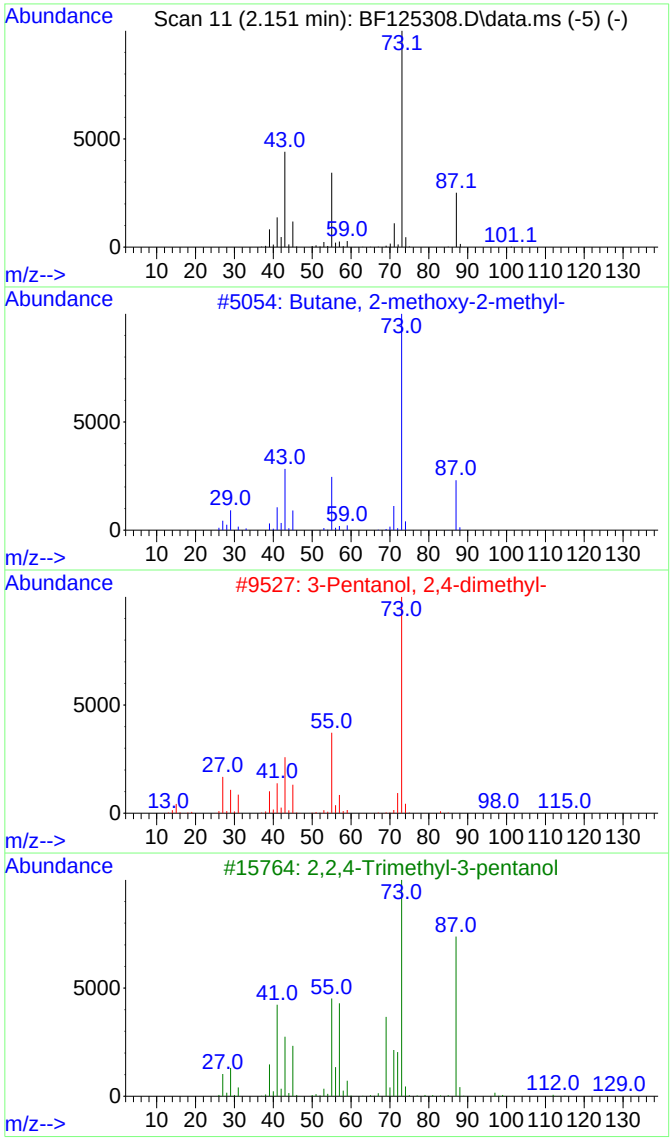
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

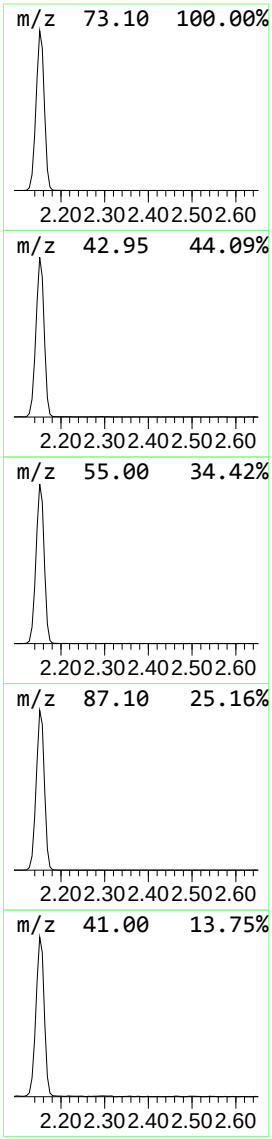
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.151	78.17 ng	3866030	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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Data File : BF125308.D
Acq On : 1 Sep 2021 16:03
Operator : JU/CG
Sample : M3607-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20211022-FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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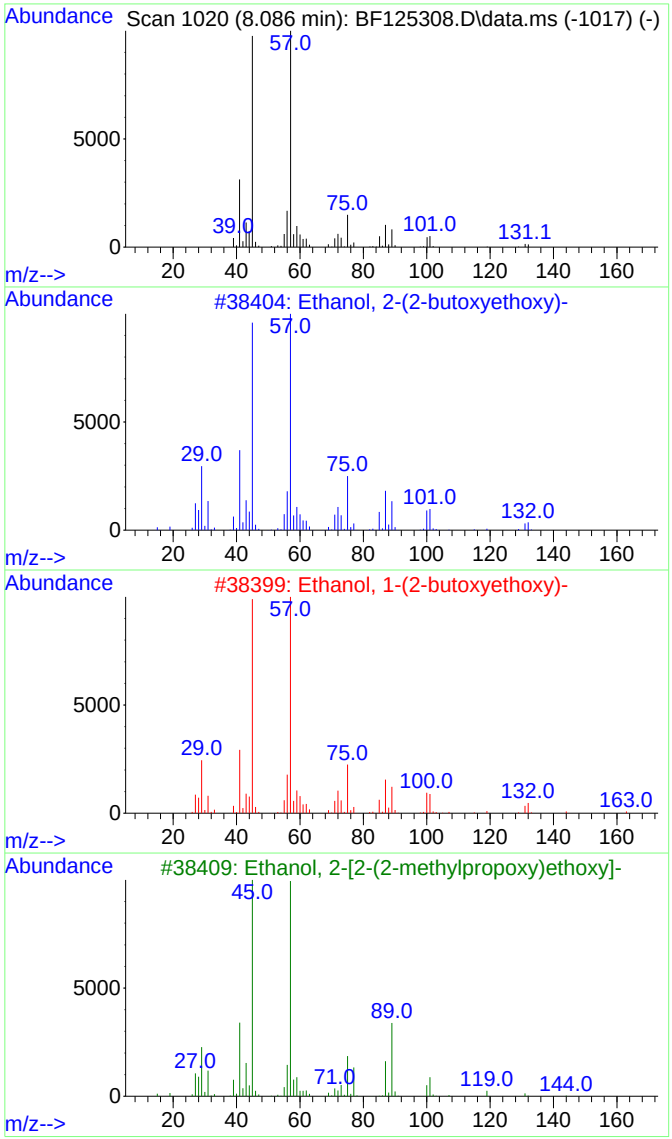
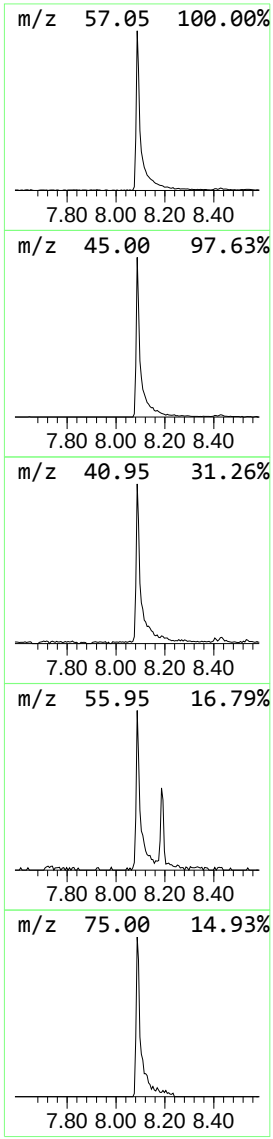
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.086	10.26 ng	690626	Naphthalene-d8	8.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	78
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	64
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090121\
Data File : BF125308.D
Acq On : 1 Sep 2021 16:03
Operator : JU/CG
Sample : M3607-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20211022-FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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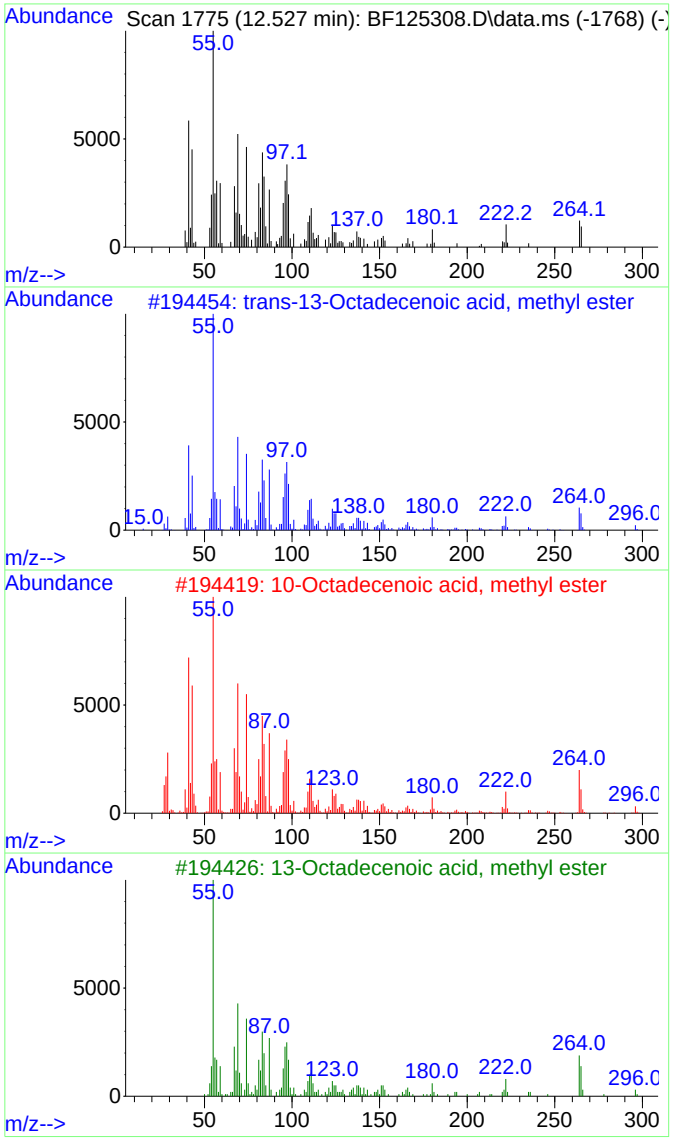
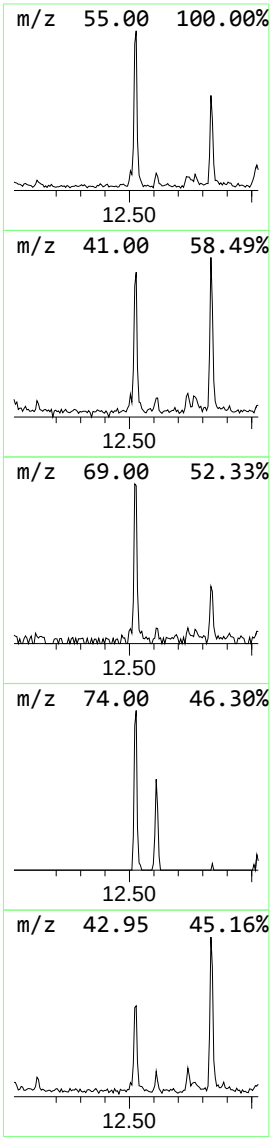
Peak Number 3 trans-13-Octadecenoic acid,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.527	2.55 ng	225693	Phenanthrene-d10	11.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	94
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	87
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	86
4	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	81
5	cis-Vaccenic acid	282	C18H34O2	000506-17-2	81





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Data File : BF125308.D
Acq On : 1 Sep 2021 16:03
Operator : JU/CG
Sample : M3607-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20211022-FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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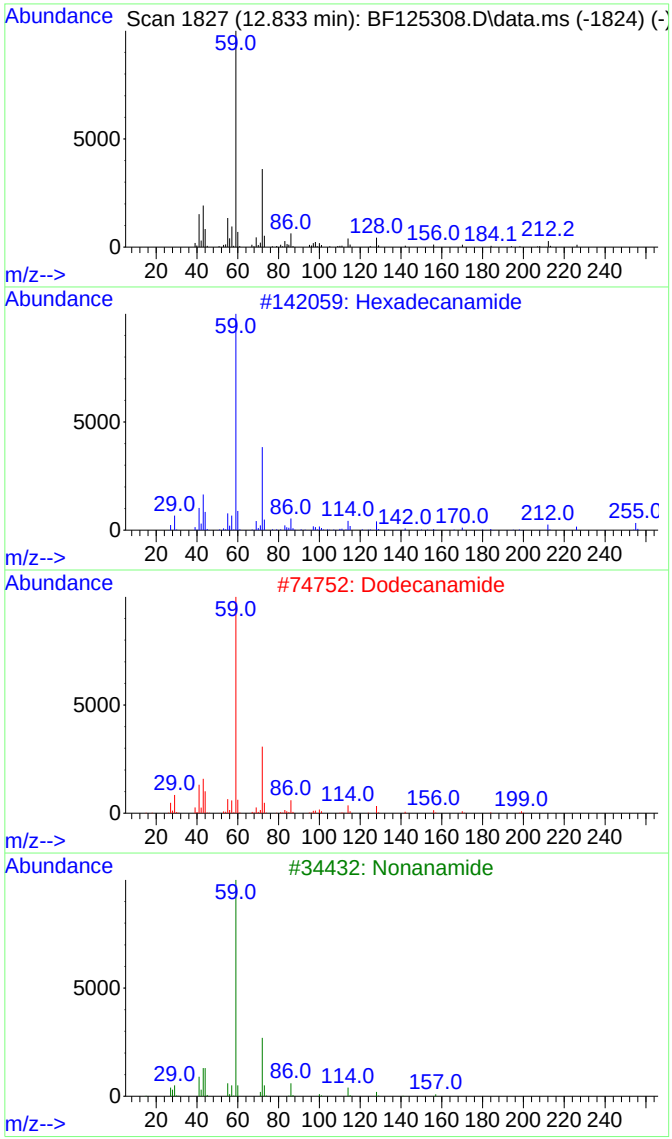
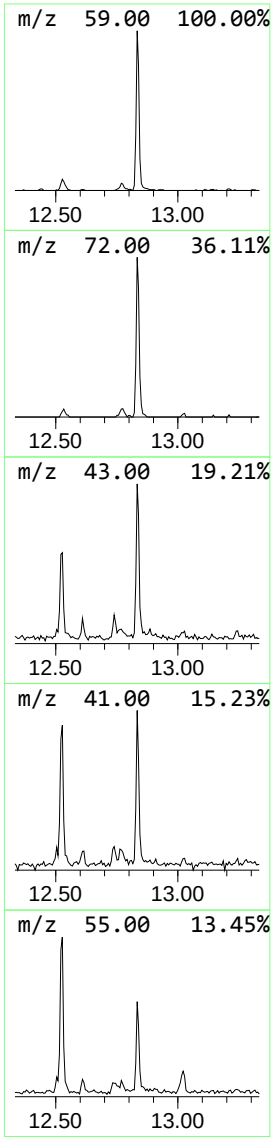
Peak Number 4 Hexadecanamide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.833	2.85 ng	228831	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanamide	255	C16H33NO	000629-54-9	91
2	Dodecanamide	199	C12H25NO	001120-16-7	90
3	Nonanamide	157	C9H19NO	001120-07-6	64
4	Pentanamide	101	C5H11NO	000626-97-1	64
5	Tetradecanamide	227	C14H29NO	000638-58-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090121\
Data File : BF125308.D
Acq On : 1 Sep 2021 16:03
Operator : JU/CG
Sample : M3607-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20211022-FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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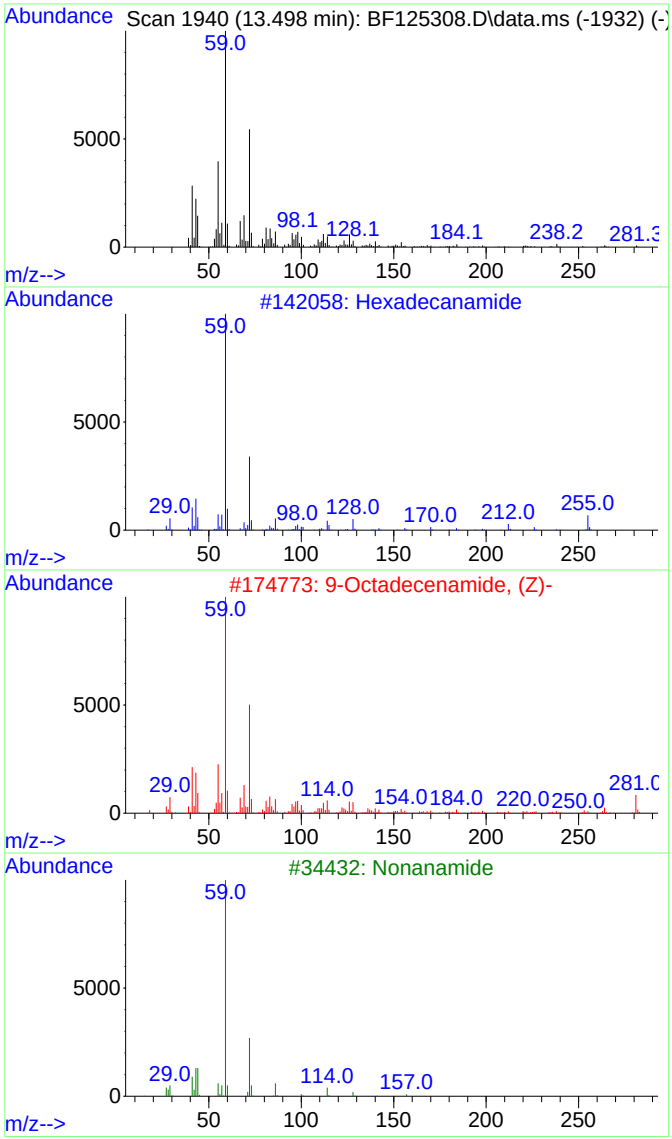
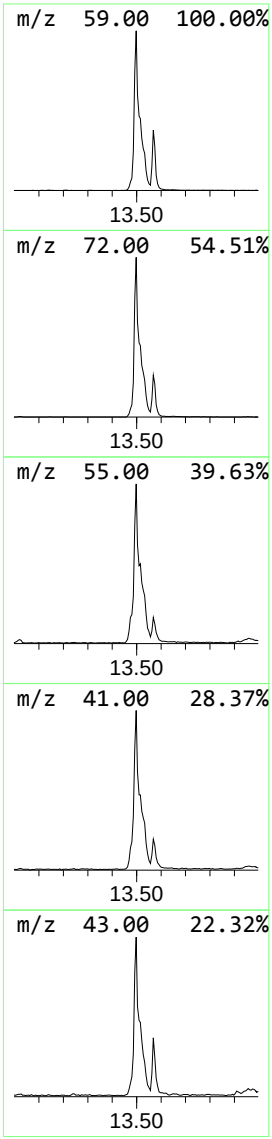
Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.498	41.58 ng	3338750	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanamide	255	C16H33NO	000629-54-9	72
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	70
3	Nonanamide	157	C9H19NO	001120-07-6	53
4	Palmitoleamide	253	C16H31NO	106010-22-4	53
5	Hexanamide	115	C6H13NO	000628-02-4	43





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Operator : JU/CG
Sample : M3607-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 20211022-FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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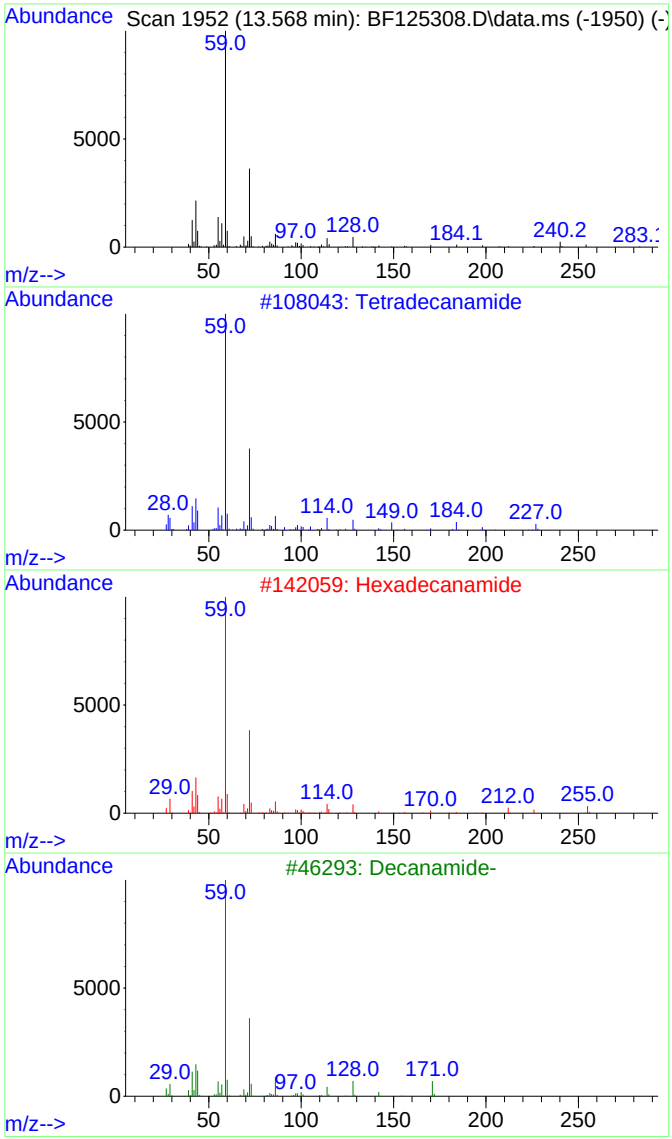
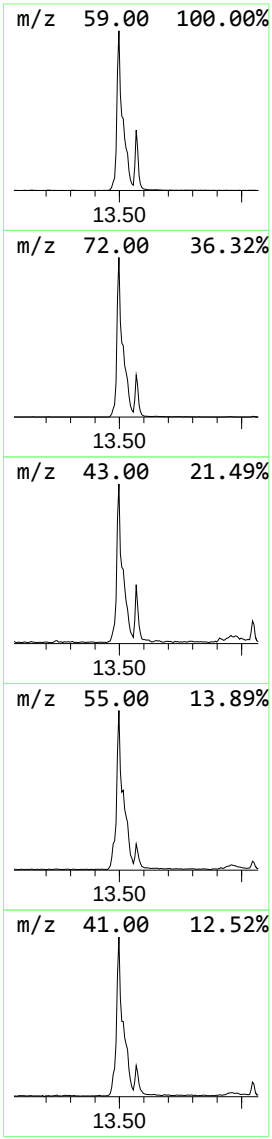
Peak Number 6 Tetradecanamide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.568	5.24 ng	421110	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanamide	227	C14H29NO	000638-58-4	90
2	Hexadecanamide	255	C16H33NO	000629-54-9	90
3	Decanamide-	171	C10H21NO	002319-29-1	74
4	Undecanamide, 11-bromo-	263	C11H22BrNO	005875-26-3	64
5	Pentanamide	101	C5H11NO	000626-97-1	59





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Operator : JU/CG
Sample : M3607-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20211022-FIELD-BLANK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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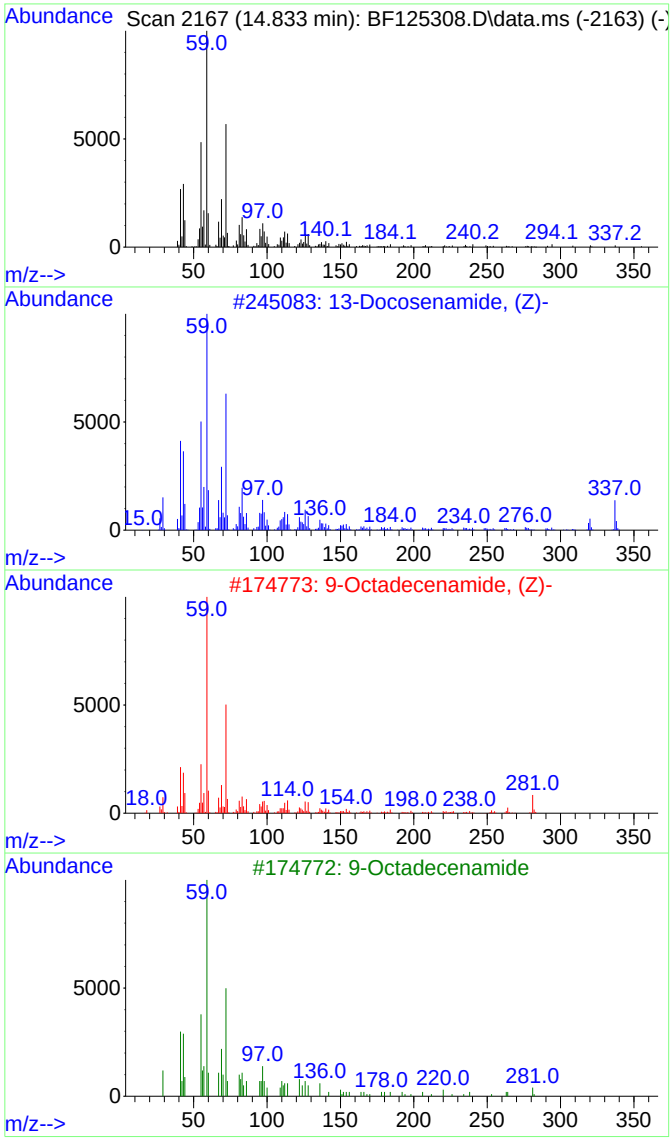
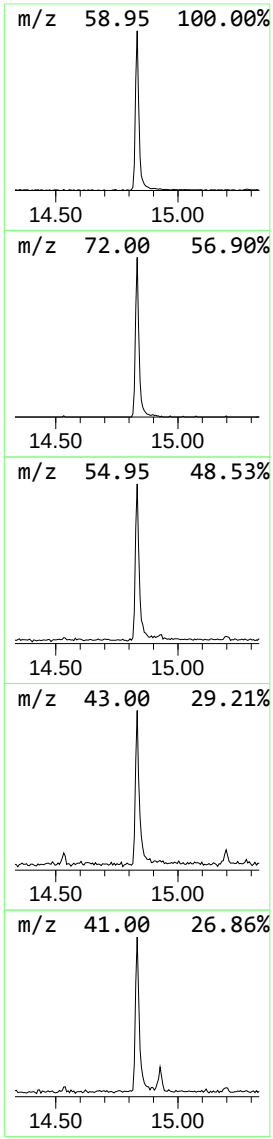
Peak Number 7 13-Docosenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.833	9.08 ng	673452	Perylene-d12	15.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	93
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	86
3	9-Octadecenamide	281	C18H35NO	003322-62-1	78
4	Octadecanamide	283	C18H37NO	000124-26-5	72
5	Palmitoleamide	253	C16H31NO	106010-22-4	72





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...	2.151	78.2	ng	3866030	1	6.904	989124	20.0
Ethanol, 2-(2-b...	8.086	10.3	ng	690626	2	8.192	1346570	20.0
trans-13-Octade...	12.527	2.5	ng	225693	4	11.433	1768130	20.0
Hexadecanamide	12.833	2.9	ng	228831	5	14.074	1606000	20.0
9-Octadecenamid...	13.498	41.6	ng	3338750	5	14.074	1606000	20.0
Tetradecanamide	13.568	5.2	ng	421110	5	14.074	1606000	20.0
13-Docosenamide...	14.833	9.1	ng	673452	6	15.574	1482980	20.0