LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142740.D
Acq On : 11 Jun 2025 17:49
Operator : RC/JU
Sample : Q2273-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

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-BF061125.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142740.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.110	488	496	506	rVB	107897	167101	9.68%	1.402%
2	5.510	558	564	570	rBV	1104570	1488679	86.28%	12.491%
3	6.516	729	735	741	rBV	1040439	1458333	84.52%	12.236%
4	6.892	794	799	804	rBV	263080	330276	19.14%	2.771%
5	7.451	888	894	899	rBV	726116	956717	55.45%	8.027%
6	8.175	1012	1017	1025	rBV	336992	416786	24.15%	3.497%
7	9.251	1194	1200	1205	rBV	1365652	1725491	100.00%	14.478%
8	9.927	1310	1315	1328	rBV	347119	450280	26.10%	3.778%
9	10.304	1374	1379	1385	rBV	397784	500490	29.01%	4.199%
10	10.645	1432	1437	1444	rBV	172212	211901	12.28%	1.778%
11	10.722	1444	1450	1465	rVB	853029	1101725	63.85%	9.244%
12	11.369	1556	1560	1564	rBV	18856	21085	1.22%	0.177%
13	11.422	1564	1569	1576	rVV	312532	404686	23.45%	3.396%
14	11.939	1652	1657	1669	rBV2	79724	124105	7.19%	1.041%
15	12.727	1786	1791	1803	rBV	17062	28694	1.66%	0.241%
16	13.004	1833	1838	1844	rBV	1100051	1443625	83.66%	12.113%
17	13.574	1929	1935	1943	rVB2	19557	28104	1.63%	0.236%
18	13.904	1985	1991	2002	rBV	78589	125580	7.28%	1.054%
19	14.063	2011	2018	2033	rBV	263292	344848	19.99%	2.893%
20	14.221	2040	2045	2050	rBV	31700	41351	2.40%	0.347%
21	14.527	2092	2097	2104	rBV	35224	47013	2.72%	0.394%
22	14.839	2145	2150	2156	rBV	27191	38413	2.23%	0.322%
23	15.186	2204	2209	2220	rBV	22537	37442	2.17%	0.314%
24	15.557	2266	2272	2285	rBV	238261	407454	23.61%	3.419%
25	16.086	2357	2362	2370	rVV8	6907	17975	1.04%	0.151%

Sum of corrected areas: 11918154

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ClientSampleId :
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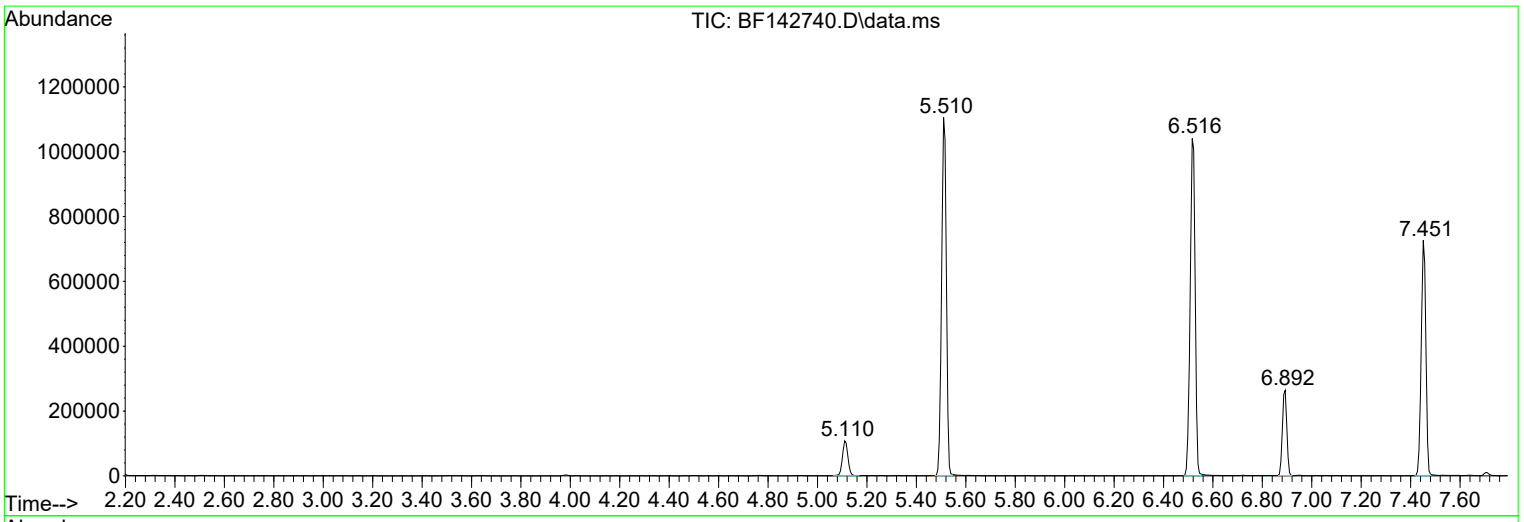
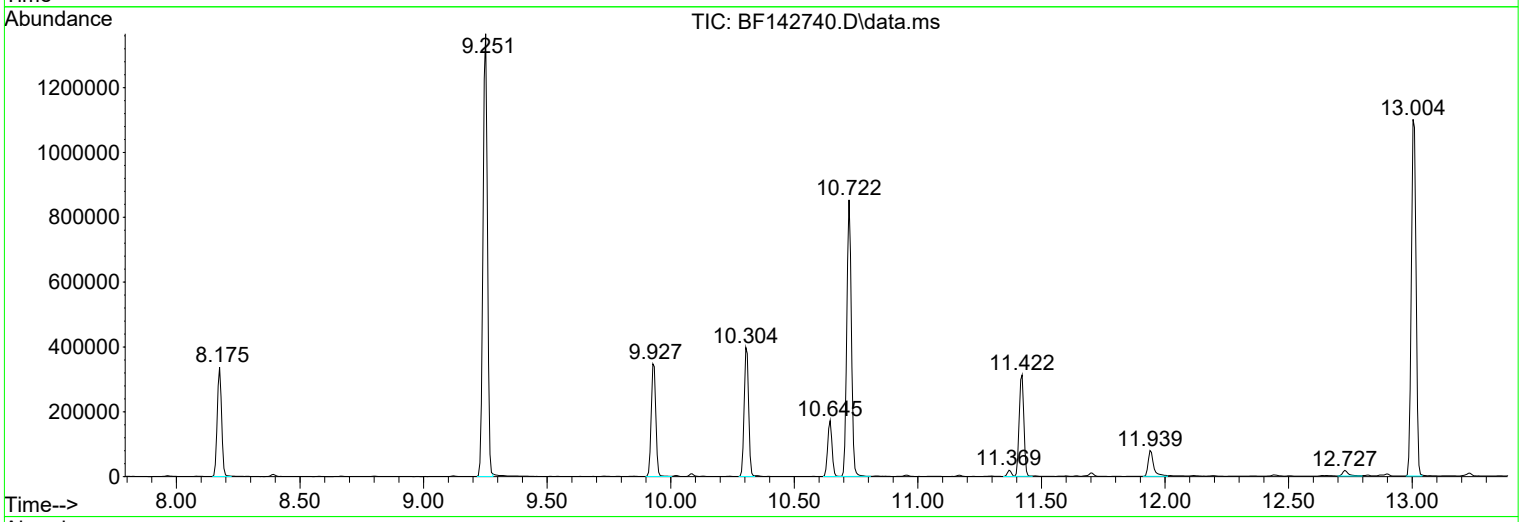
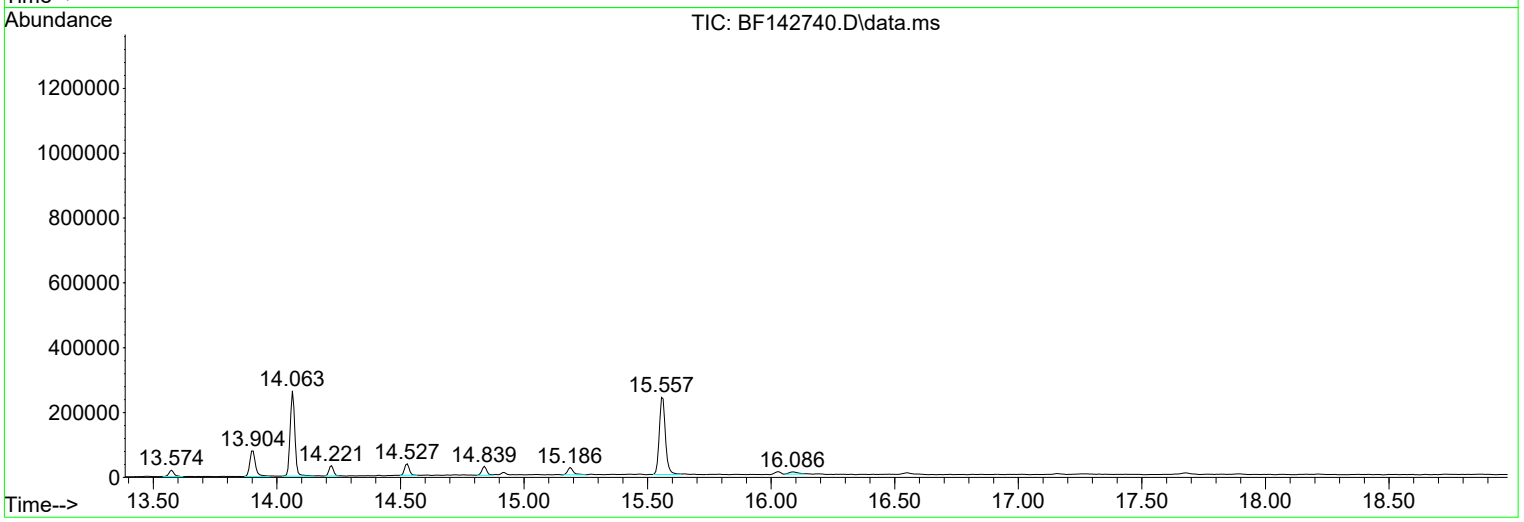
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Operator : RC/JU
Sample : Q2273-01
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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

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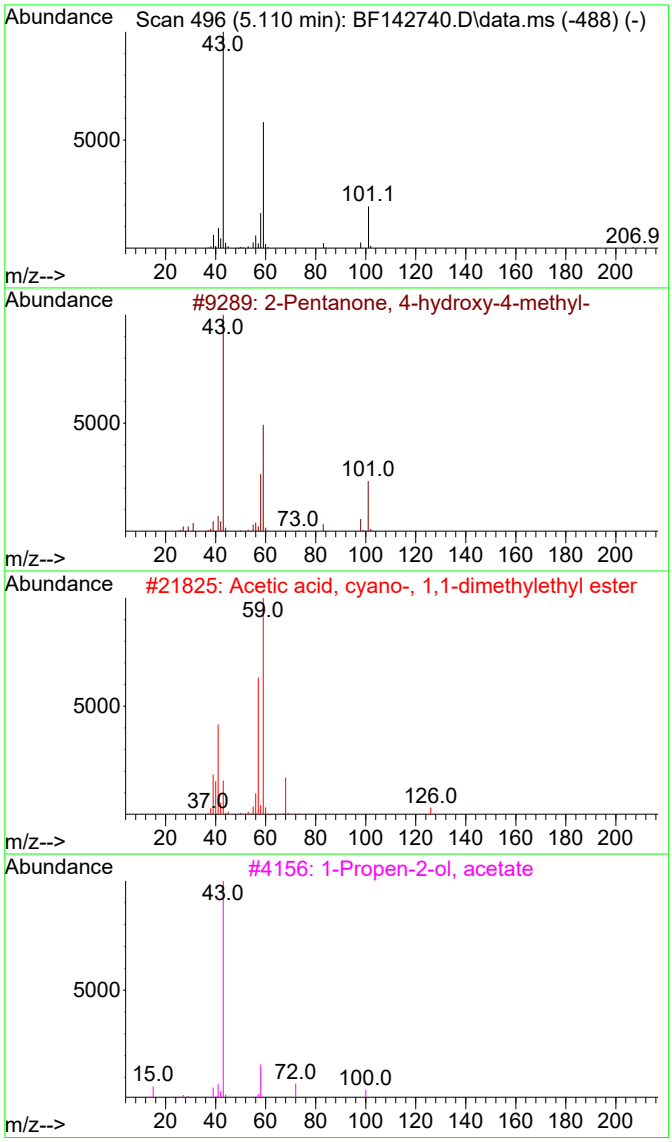
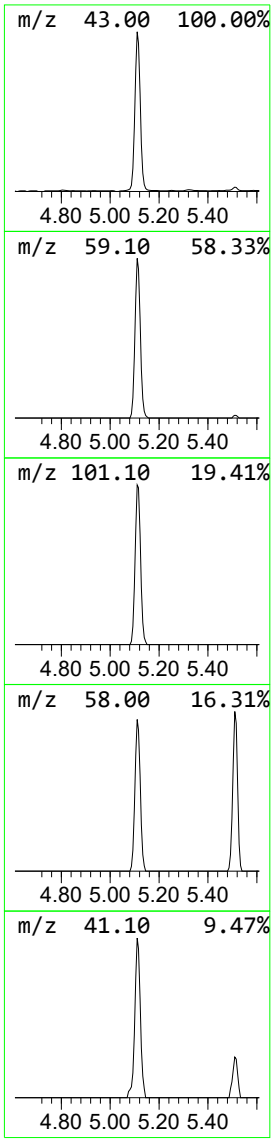
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	10.12 ng	167101	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Data File : BF142740.D
Acq On : 11 Jun 2025 17:49
Operator : RC/JU
Sample : Q2273-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.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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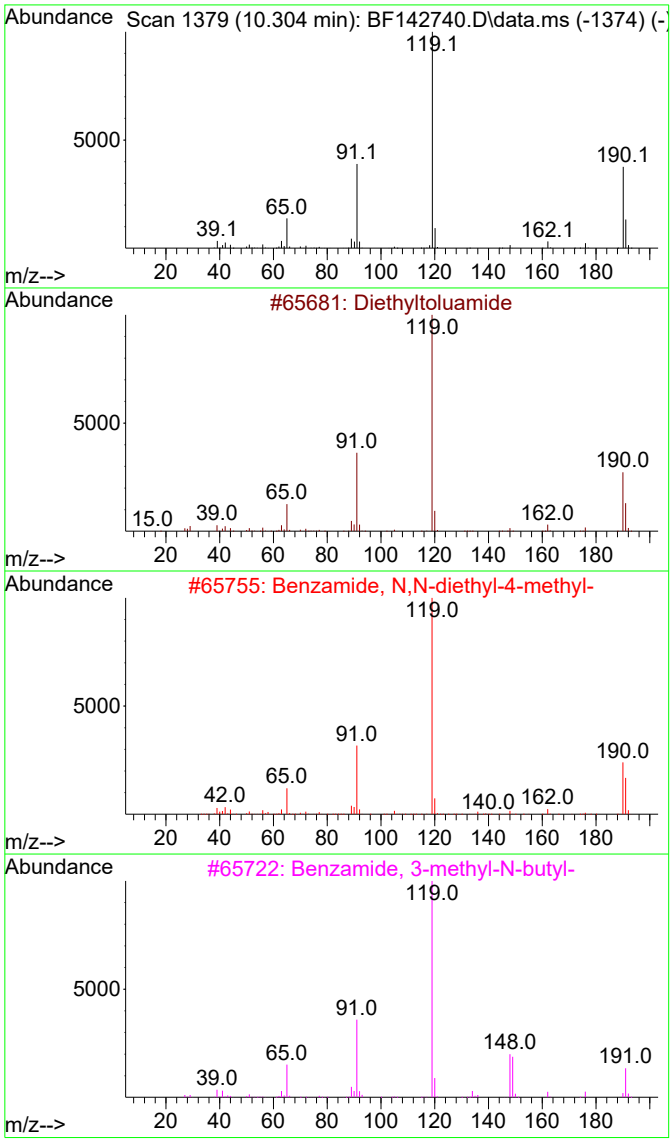
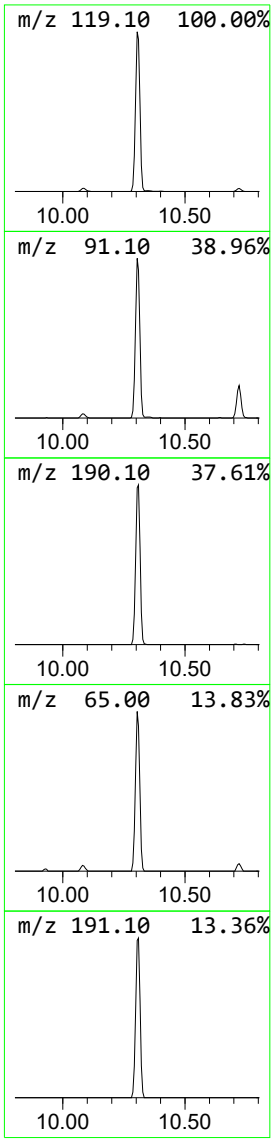
Peak Number 2 Diethyltoluamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.304	22.23 ng	500490	Acenaphthene-d10	9.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	96
2	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	91
3	Benzamide, 3-methyl-N-butyl-	191	C12H17NO	1000407-41-1	87
4	Benzamide, 4-methyl-N-butyl-	191	C12H17NO	1000407-46-6	87
5	Benzamide, 2-methyl-N-methyl-N-p...	191	C12H17NO	1000421-44-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
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Acq On : 11 Jun 2025 17:49
Operator : RC/JU
Sample : Q2273-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.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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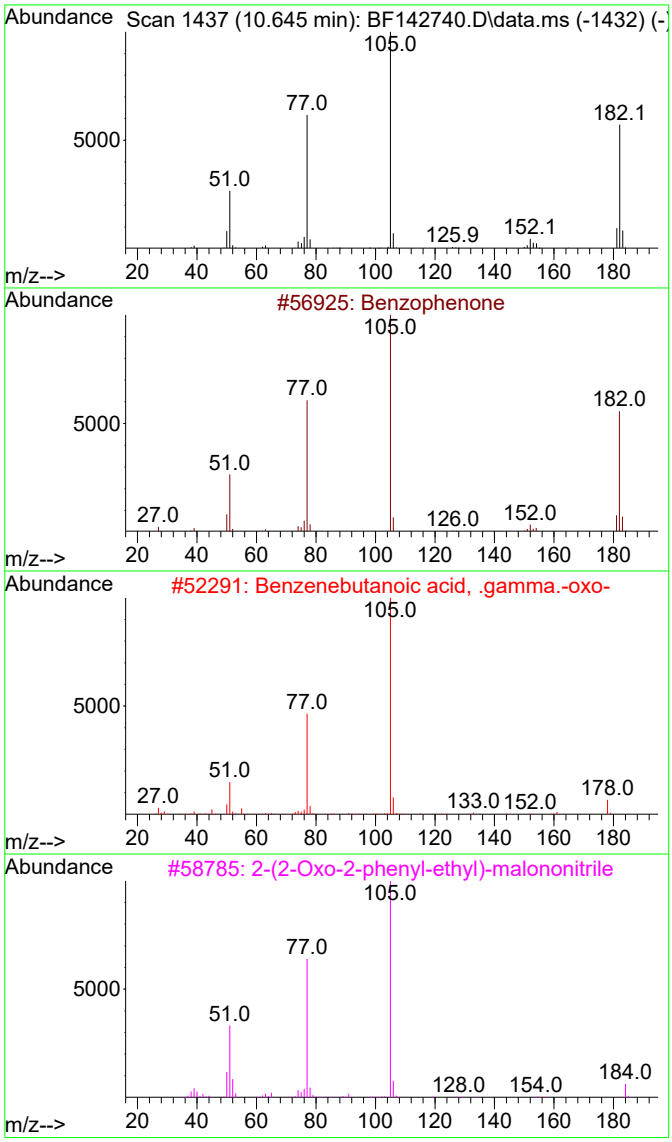
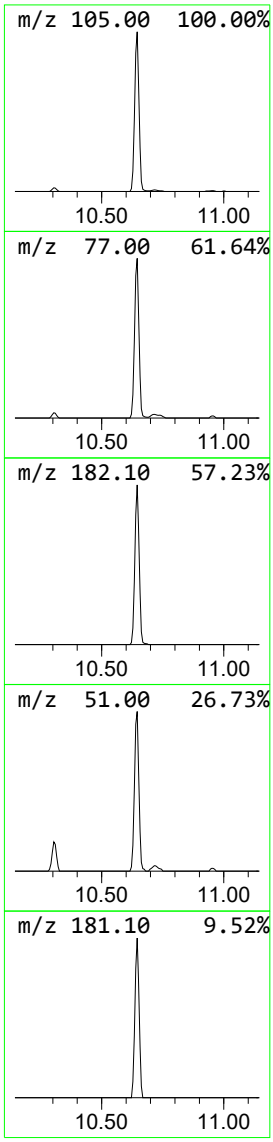
Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	9.41 ng	211901	Acenaphthene-d10	9.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
3	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47
4	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
5	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47





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Operator : RC/JU
Sample : Q2273-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.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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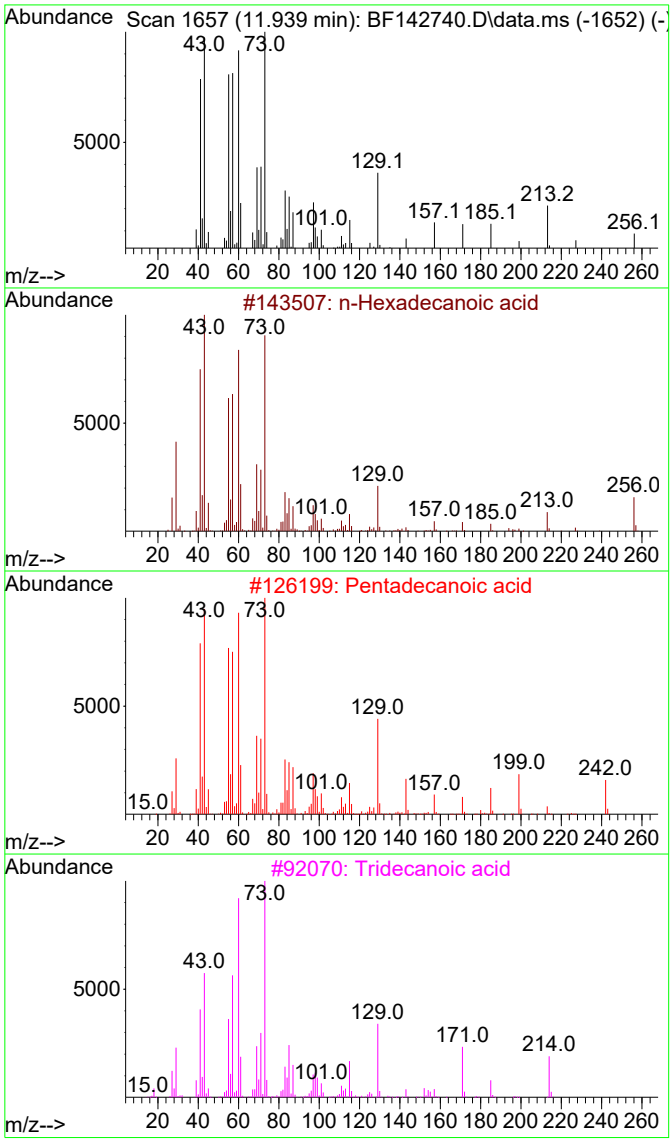
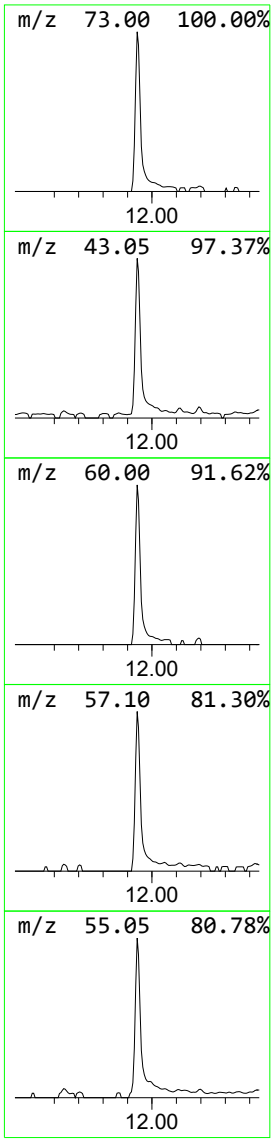
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	6.13 ng	124105	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





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Instrument :
BNA_F
ClientSampleId :
WC-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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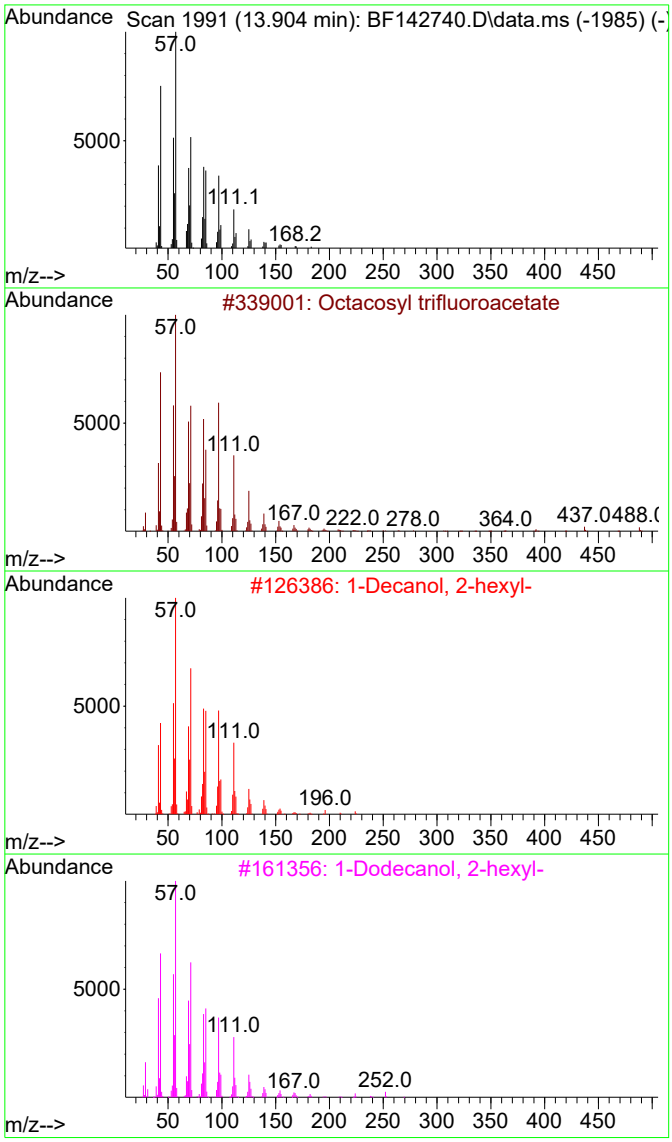
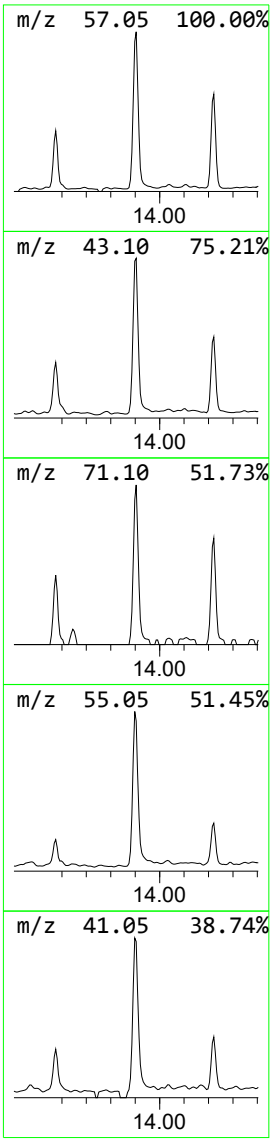
Peak Number 5 Octacosyl trifluoroacetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	7.28 ng	125580	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
3	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	91
4	Dotriacontyl trifluoroacetate	562	C34H65F3O2	1000351-75-4	91
5	Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1010309-70-5	91





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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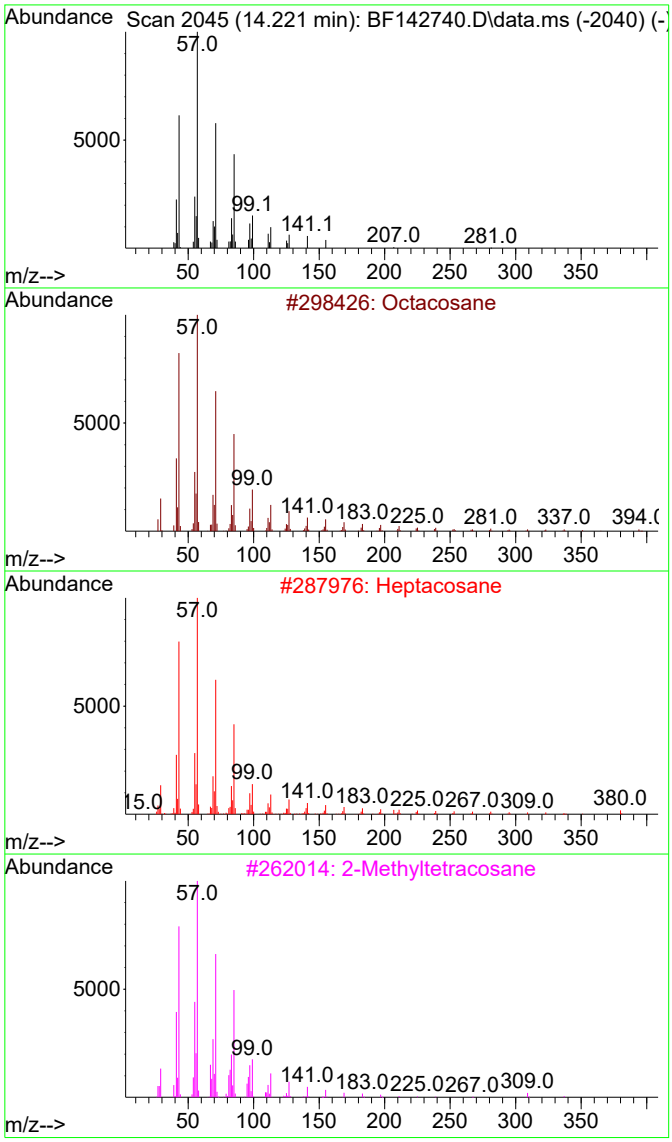
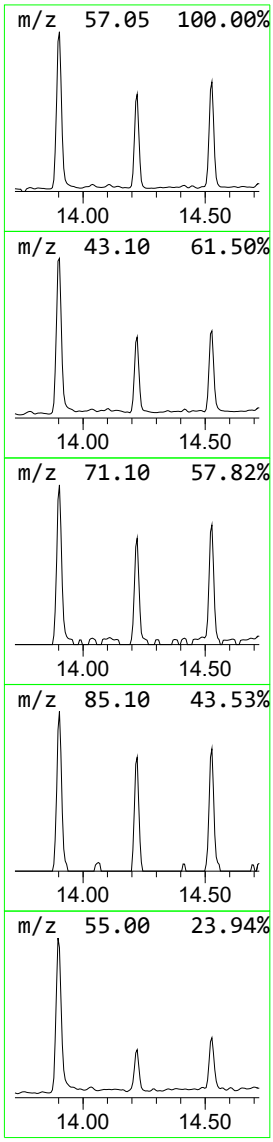
Peak Number 6 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.221	2.40 ng	41351	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	2-Methyltetracosane	352	C25H52	001560-78-7	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





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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

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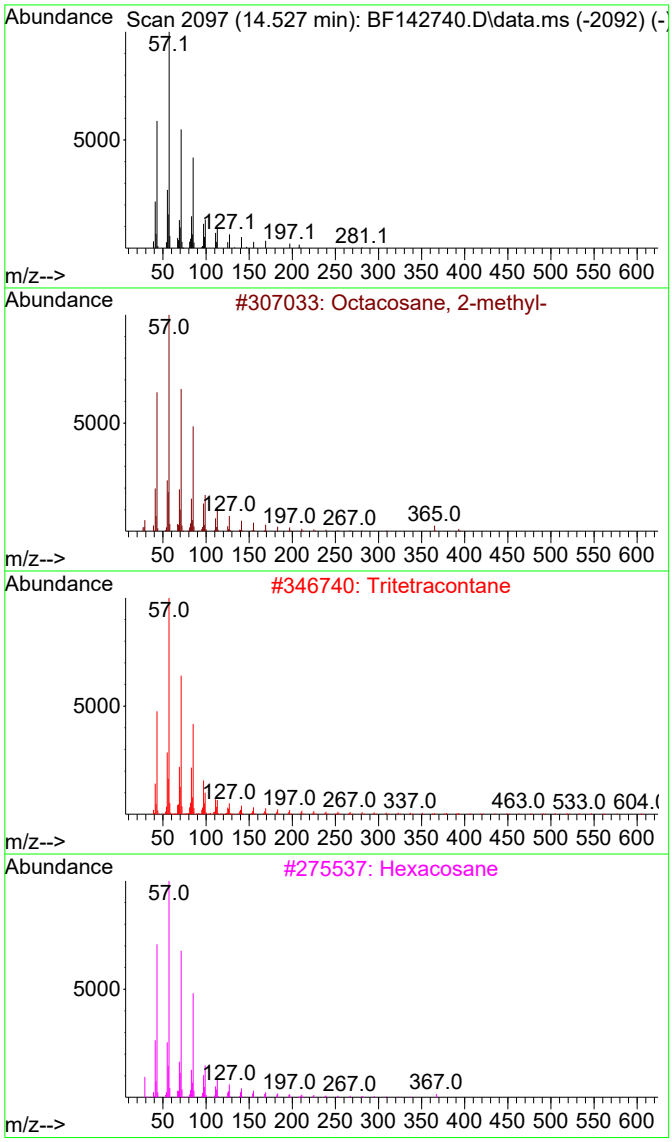
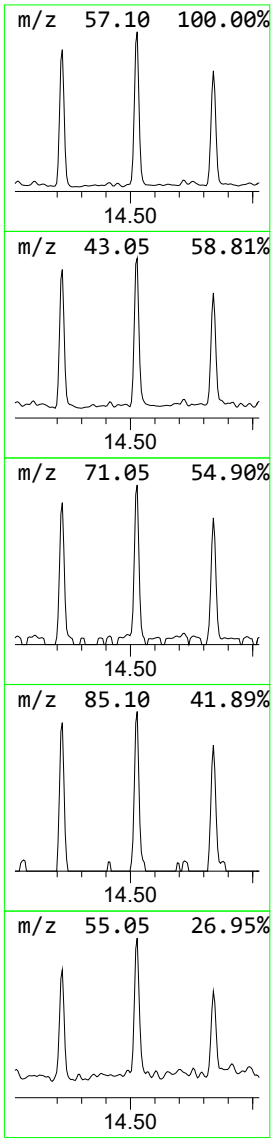
Peak Number 7 Octacosane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.527	2.73 ng	47013	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
2	Tritetracontane	605	C43H88	007098-21-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Hentriacontane	437	C31H64	000630-04-6	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
2-Pentanone, 4-...	5.110	10.1	ng	167101	1	6.892	330276	20.0
Diethyltoluamide	10.304	22.2	ng	500490	3	9.927	450280	20.0
Benzophenone	10.645	9.4	ng	211901	3	9.927	450280	20.0
n-Hexadecanoic ...	11.939	6.1	ng	124105	4	11.422	404686	20.0
Octacosyl trifl...	13.904	7.3	ng	125580	5	14.063	344848	20.0
Octacosane	14.221	2.4	ng	41351	5	14.063	344848	20.0
Octacosane, 2-m...	14.527	2.7	ng	47013	5	14.063	344848	20.0