LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144405.D
Acq On : 02 Dec 2025 16:19
Operator : RC/JU
Sample : Q3742-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1125-22

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144405.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.922	288	294	300	rVB	19273	31770	3.79%	0.405%
2	5.075	484	490	510	rVB	150259	233172	27.83%	2.971%
3	5.451	548	554	555	rBV	24856	29638	3.54%	0.378%
4	5.487	555	560	582	rVB	523095	746675	89.11%	9.515%
5	5.710	594	598	604	rBV	13546	16978	2.03%	0.216%
6	6.140	667	671	678	rVB	15850	20021	2.39%	0.255%
7	6.387	710	713	716	rBV	9015	9725	1.16%	0.124%
8	6.463	721	726	727	rVV2	7135	9566	1.14%	0.122%
9	6.492	727	731	753	rVB	518873	743868	88.77%	9.479%
10	6.687	760	764	768	rVB	19448	24204	2.89%	0.308%
11	6.863	789	794	800	rBV	185213	235275	28.08%	2.998%
12	6.916	800	803	810	rVB3	6760	9090	1.08%	0.116%
13	7.175	843	847	854	rVB2	10061	14969	1.79%	0.191%
14	7.422	884	889	900	rVB	355910	456698	54.50%	5.820%
15	8.145	1004	1012	1024	rVB	232736	316090	37.72%	4.028%
16	9.216	1189	1194	1204	rBV	664628	837963	100.00%	10.678%
17	9.898	1305	1310	1322	rVB	258355	331766	39.59%	4.228%
18	10.616	1427	1432	1440	rBV	63286	82164	9.81%	1.047%
19	10.692	1440	1445	1458	rBV	360245	472743	56.42%	6.024%
20	10.927	1478	1485	1488	rBV	11809	15523	1.85%	0.198%
21	11.392	1559	1564	1573	rBV	228677	314575	37.54%	4.009%
22	11.469	1573	1577	1584	rVB2	5997	8832	1.05%	0.113%
23	11.916	1646	1653	1661	rBV2	108538	171013	20.41%	2.179%
24	12.010	1666	1669	1678	rVB6	8024	17618	2.10%	0.225%
25	12.245	1704	1709	1713	rBV3	23460	29772	3.55%	0.379%
26	12.610	1766	1771	1775	rBV	47312	62541	7.46%	0.797%
27	12.698	1782	1786	1794	rVB2	23753	35969	4.29%	0.458%
28	12.839	1804	1810	1816	rBV2	37369	59262	7.07%	0.755%
29	12.980	1826	1834	1839	rBV	564707	731468	87.29%	9.321%
30	13.116	1853	1857	1861	rBV	11750	15039	1.79%	0.192%
31	13.168	1863	1866	1869	rVB	8666	10315	1.23%	0.131%
32	13.274	1880	1884	1891	rVB3	9423	16985	2.03%	0.216%
33	13.363	1895	1899	1903	rBV3	9887	14761	1.76%	0.188%
34	13.521	1922	1926	1928	rBV4	9278	15140	1.81%	0.193%
35	13.827	1975	1978	1982	rBV4	13289	19930	2.38%	0.254%
36	13.880	1982	1987	1997	rVB2	48148	86837	10.36%	1.107%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144405.D
Acq On : 02 Dec 2025 16:19
Operator : RC/JU
Sample : Q3742-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-22

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.039	2006	2014	2027	rBV2	256789	479839	57.26%	6.115%
38	15.092	2189	2193	2207	rBV2	46094	136658	16.31%	1.741%
39	15.409	2242	2247	2252	rBV3	56571	108118	12.90%	1.378%
40	15.462	2252	2256	2261	rVV	40853	63510	7.58%	0.809%
41	15.527	2261	2267	2278	rVB	217815	368767	44.01%	4.699%
42	15.786	2305	2311	2319	rBV	196646	359128	42.86%	4.576%
43	17.603	2614	2620	2635	rBV	24743	83463	9.96%	1.064%

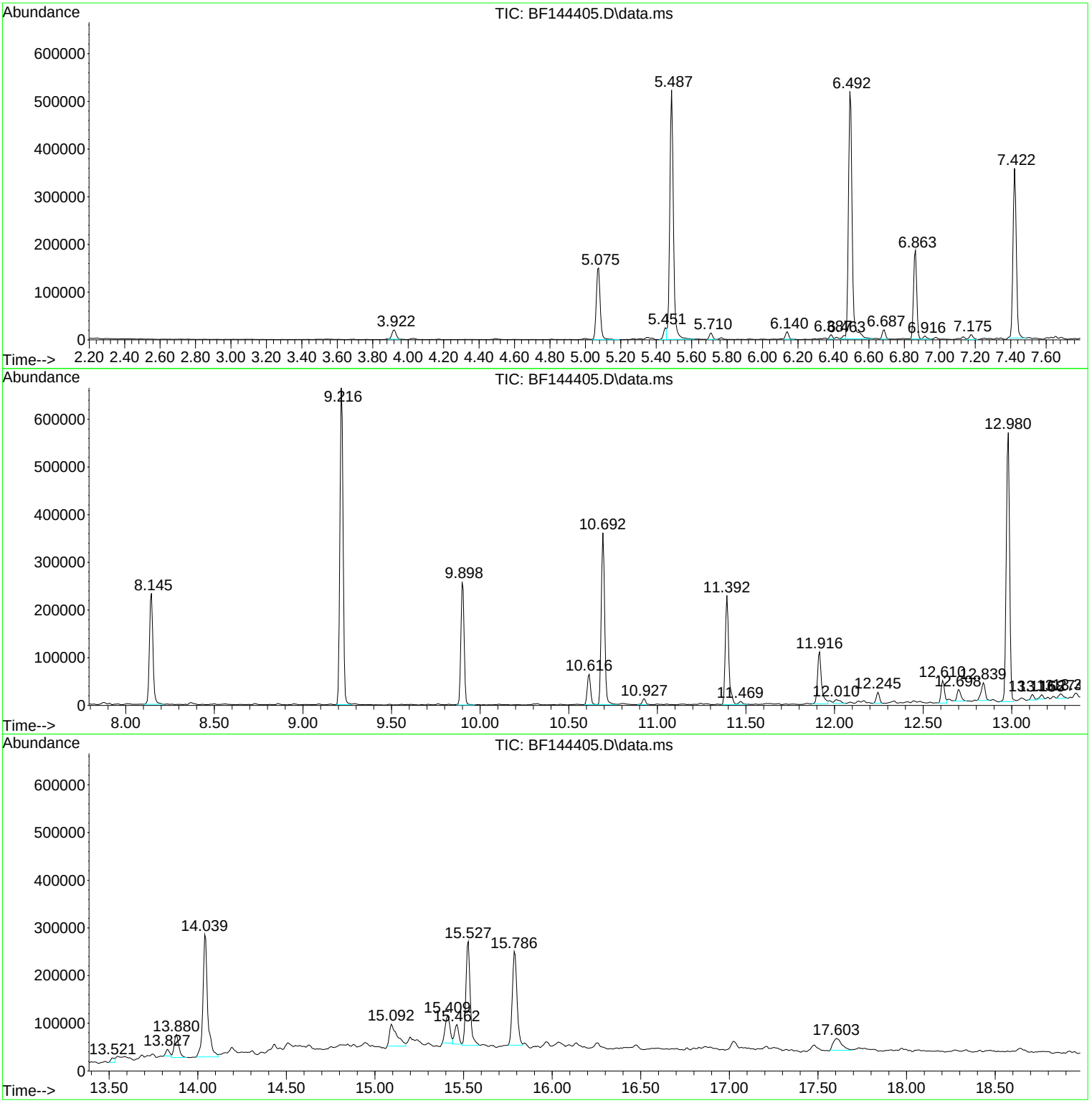
Sum of corrected areas: 7847438

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144405.D
Acq On : 02 Dec 2025 16:19
Operator : RC/JU
Sample : Q3742-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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\BF120225\
Data File : BF144405.D
Acq On : 02 Dec 2025 16:19
Operator : RC/JU
Sample : Q3742-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

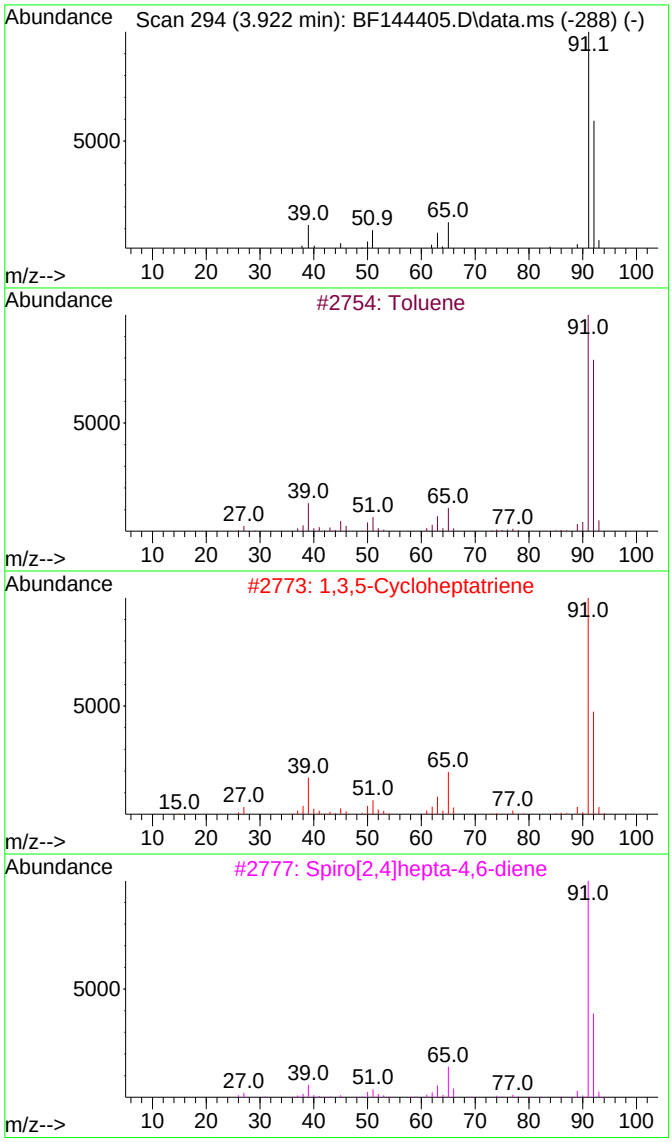
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

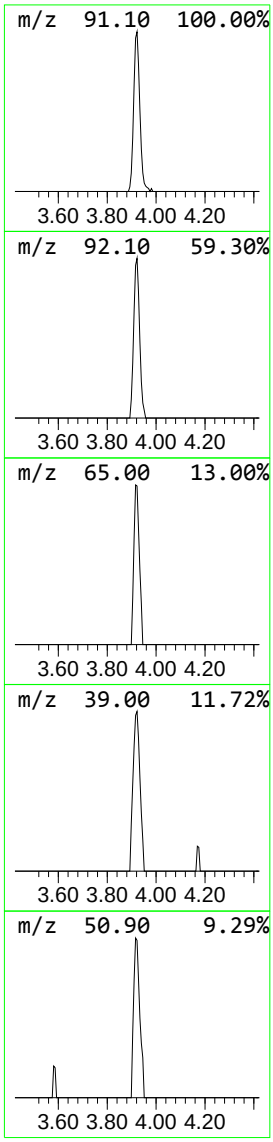
****

Peak Number 1 1,3,5-Cycloheptatriene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.922	2.70 ng	31770	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	91
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	86
3	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	78
4	Molybdenum, di-.mu.-chlorobis[(1...	532	C20H26Cl2Mo2	035625-66-2	78
5	4-Benzyloxyphenylacetonitrile	223	C15H13NO	000838-96-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144405.D
Acq On : 02 Dec 2025 16:19
Operator : RC/JU
Sample : Q3742-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

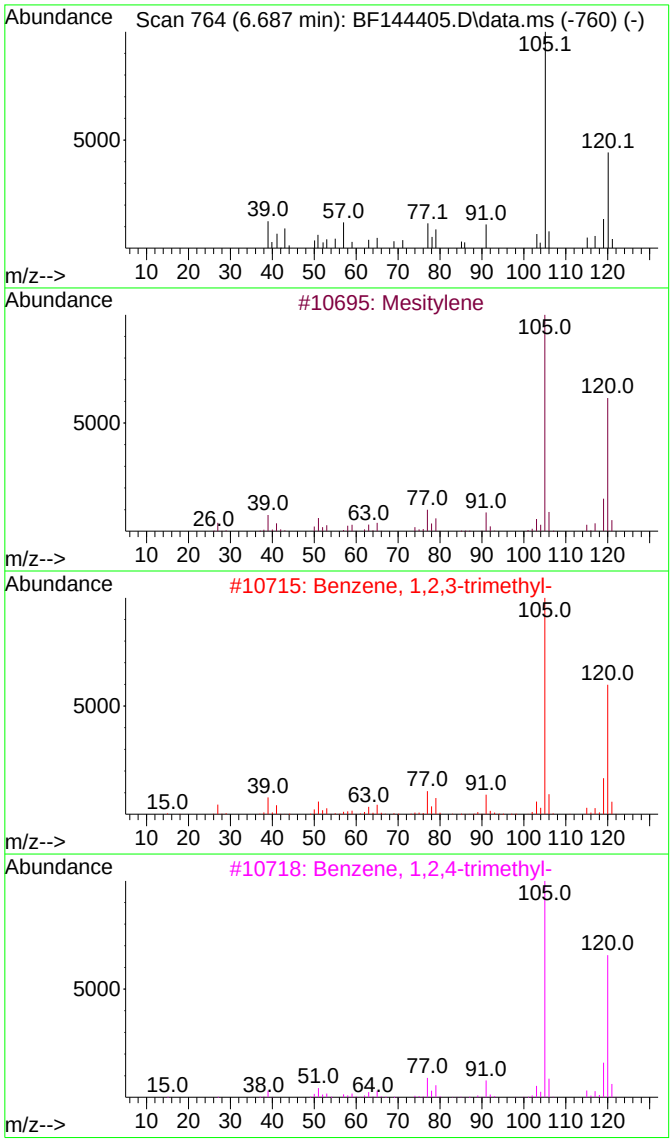
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

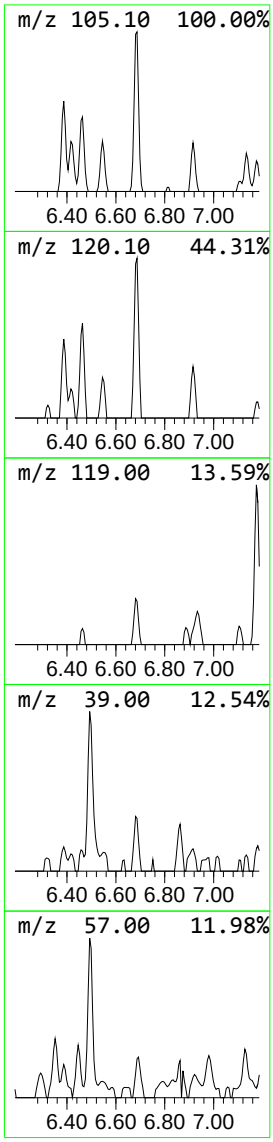
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.687	2.06 ng	24204	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	93
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	83
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144405.D
Acq On : 02 Dec 2025 16:19
Operator : RC/JU
Sample : Q3742-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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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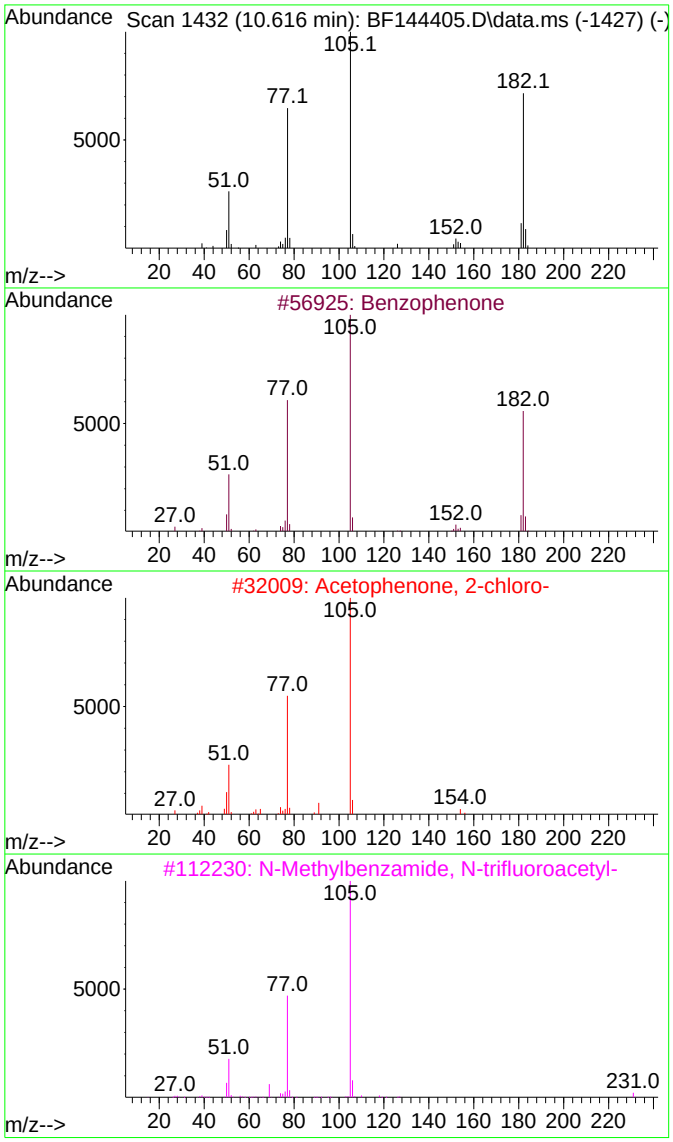
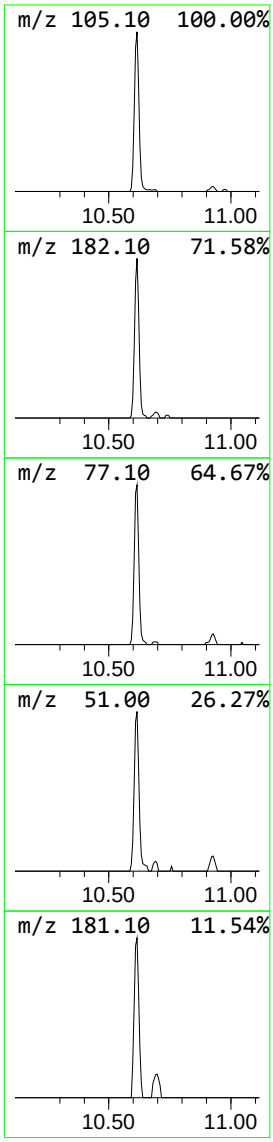
Peak Number 4 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	4.95 ng	82164	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3	N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47
4	2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144405.D
Acq On : 02 Dec 2025 16:19
Operator : RC/JU
Sample : Q3742-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

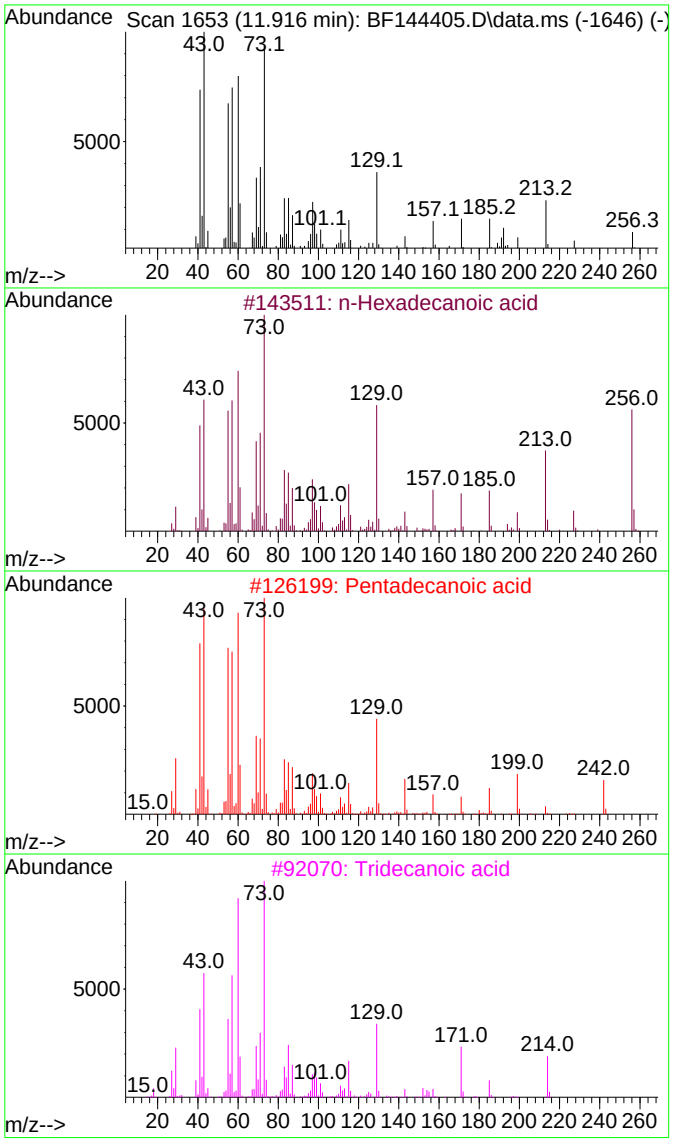
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

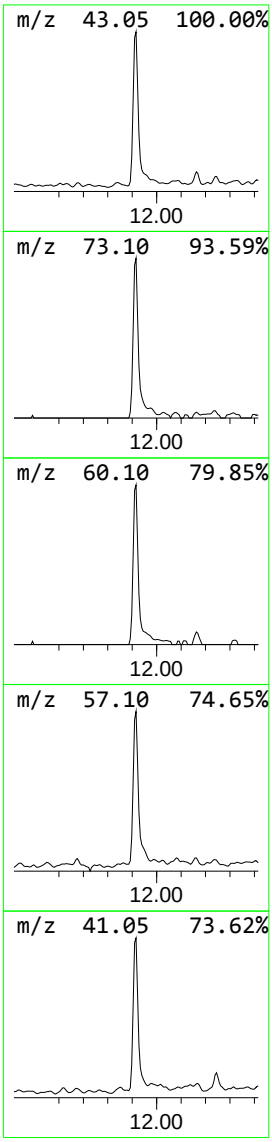
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	10.87 ng	171013	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144405.D
Acq On : 02 Dec 2025 16:19
Operator : RC/JU
Sample : Q3742-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-22

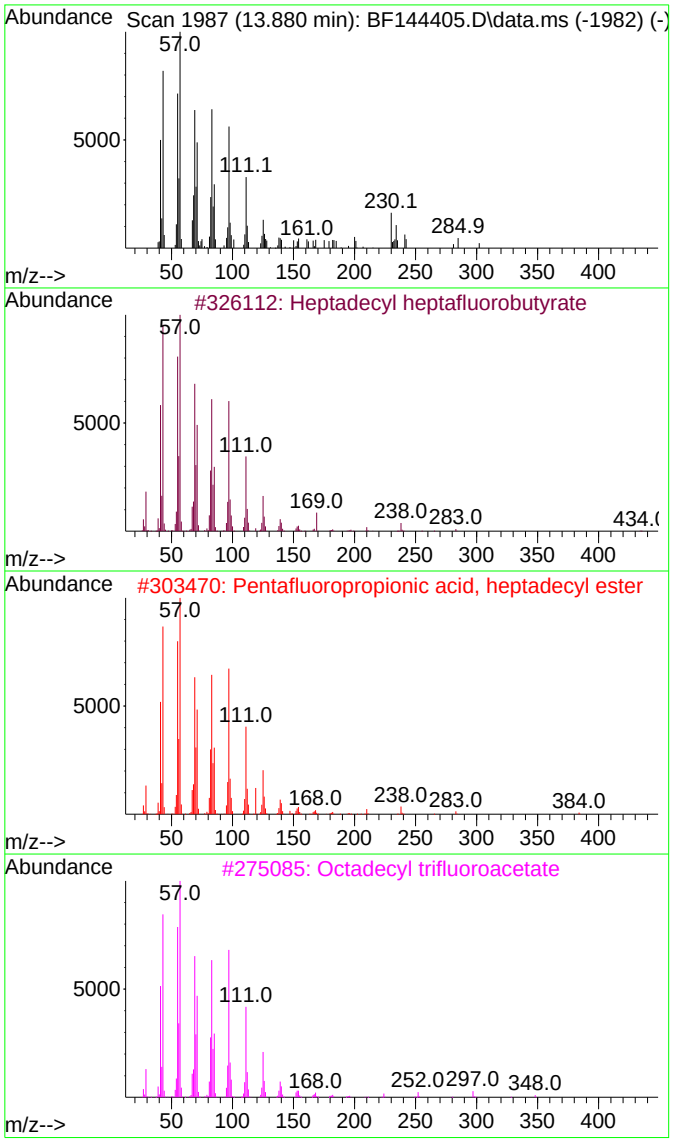
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

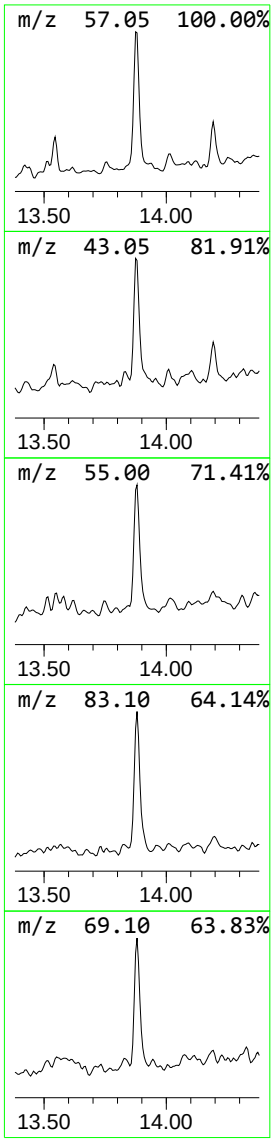
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Heptadecyl heptafluorobutyrate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	3.62 ng	86837	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	87
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	87
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	87
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144405.D
Acq On : 02 Dec 2025 16:19
Operator : RC/JU
Sample : Q3742-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

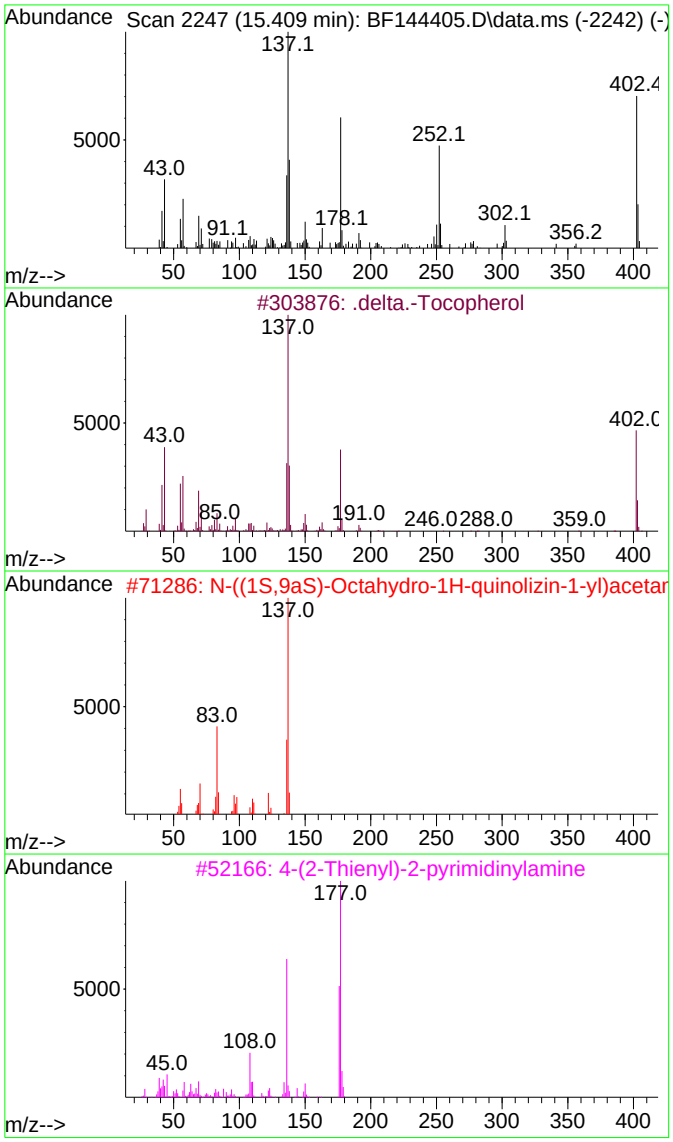
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

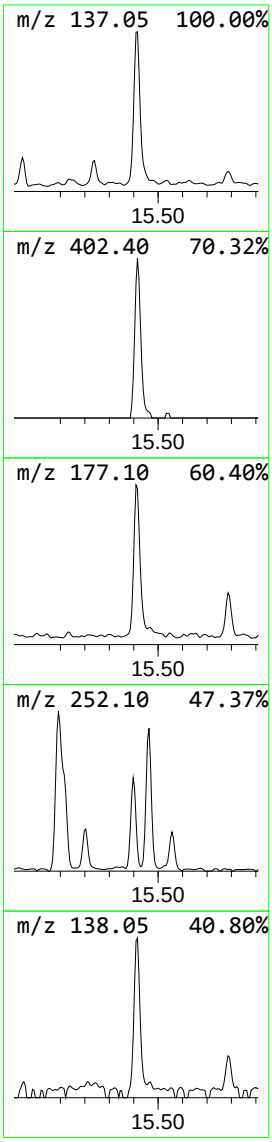
****

Peak Number 8 .delta.-Tocopherol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	5.86 ng	108118	Perylene-d12	15.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.delta.-Tocopherol	402	C27H46O2	000119-13-1	94
2	N-((1S,9aS)-Octahydro-1H-quinoli...	196	C11H20N2O	616235-95-1	12
3	4-(2-Thienyl)-2-pyrimidinylamine	177	C8H7N3S	154321-60-5	10
4	Resorcinol, 2-acetyl-	152	C8H8O3	000699-83-2	10
5	(E)-1,7-bis(4-Hydroxy-3-methoxyp...	356	C21H24O5	128700-97-0	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144405.D
Acq On : 02 Dec 2025 16:19
Operator : RC/JU
Sample : Q3742-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

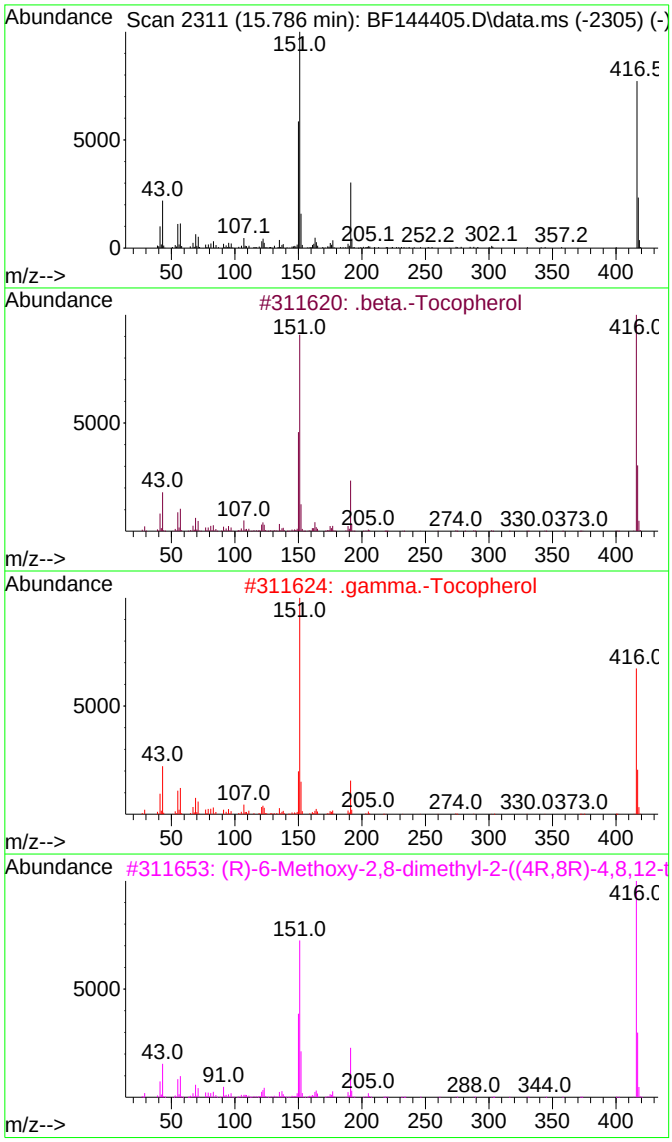
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

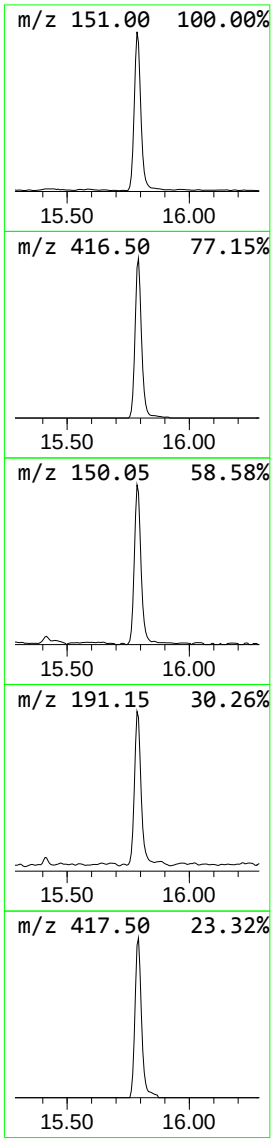
****

Peak Number 9 .beta.-Tocopherol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.786	19.48 ng	359128	Perylene-d12	15.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Tocopherol	416	C28H48O2	000148-03-8	98
2	.gamma.-Tocopherol	416	C28H48O2	007616-22-0	97
3	(R)-6-Methoxy-2,8-dimethyl-2-((4...	416	C28H48O2	1116113-36-0	86
4	Wikstromol, trimethyl ether	416	C23H28O7	1000504-13-5	70
5	N,N'-Bis(3-methoxyfluoren-9-ylid...	416	C28H20N2O2	1000210-76-6	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
Data File : BF144405.D
Acq On : 02 Dec 2025 16:19
Operator : RC/JU
Sample : Q3742-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1125-22

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
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
1,3,5-Cyclohept...	3.922	2.7	ng	31770	1	6.863	235275	20.0
Benzene, 1,2,3-...	6.687	2.1	ng	24204	1	6.863	235275	20.0
Benzophenone	10.616	5.0	ng	82164	3	9.898	331766	20.0
n-Hexadecanoic ...	11.916	10.9	ng	171013	4	11.392	314575	20.0
Heptadecyl hept...	13.880	3.6	ng	86837	5	14.045	479839	20.0
.delta.-Tocopherol	15.410	5.9	ng	108118	6	15.527	368767	20.0
.beta.-Tocopherol	15.786	19.5	ng	359128	6	15.527	368767	20.0