LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052922\
Data File : BF128577.D
Acq On : 29 May 2022 18:02
Operator : CG\JU
Sample : N2951-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P036-SS001-1218-01

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-BF052622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128577.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.051	466	470	476	rVB	42299	54154	2.62%	0.327%
2	5.451	533	538	541	rBV	2196841	2065126	100.00%	12.483%
3	6.457	705	709	712	rBV	1924692	1962260	95.02%	11.861%
4	6.840	770	774	777	rVB	795831	651738	31.56%	3.940%
5	7.398	864	869	872	rBV	1607259	1316986	63.77%	7.961%
6	8.122	988	992	995	rBV	841667	733008	35.49%	4.431%
7	9.198	1170	1175	1178	rBV	2306105	2004709	97.07%	12.118%
8	9.875	1286	1290	1300	rBV	920710	721572	34.94%	4.362%
9	10.663	1420	1424	1427	rBV	1314254	1182682	57.27%	7.149%
10	11.363	1539	1543	1546	rBV	798187	703079	34.05%	4.250%
11	11.886	1629	1632	1643	rBV2	159396	184071	8.91%	1.113%
12	12.575	1745	1749	1751	rBV	39792	37946	1.84%	0.229%
13	12.675	1762	1766	1772	rBV	54407	63157	3.06%	0.382%
14	12.951	1809	1813	1816	rBV	2231544	1924100	93.17%	11.631%
15	13.427	1891	1894	1897	rVB	133447	103088	4.99%	0.623%
16	13.880	1965	1971	1986	rBV3	128985	352421	17.07%	2.130%
17	14.004	1986	1992	1995	rBV	796091	820600	39.74%	4.960%
18	14.098	2004	2008	2014	rBV	347216	361280	17.49%	2.184%
19	14.480	2070	2073	2075	rBV	30331	24452	1.18%	0.148%
20	14.786	2119	2125	2130	rBV2	42213	70216	3.40%	0.424%
21	15.039	2165	2168	2175	rVB3	26488	45985	2.23%	0.278%
22	15.127	2180	2183	2187	rVB2	52546	59537	2.88%	0.360%
23	15.468	2235	2241	2245	rBV	560030	704794	34.13%	4.260%
24	15.510	2245	2248	2253	rVB	63873	80535	3.90%	0.487%
25	15.951	2319	2323	2328	rVB	60803	85397	4.14%	0.516%
26	16.074	2336	2344	2347	rBV9	28946	86848	4.21%	0.525%
27	16.457	2404	2409	2414	rVB	53125	91923	4.45%	0.556%
28	17.051	2507	2510	2516	rVB3	28550	51778	2.51%	0.313%

Sum of corrected areas: 16543442

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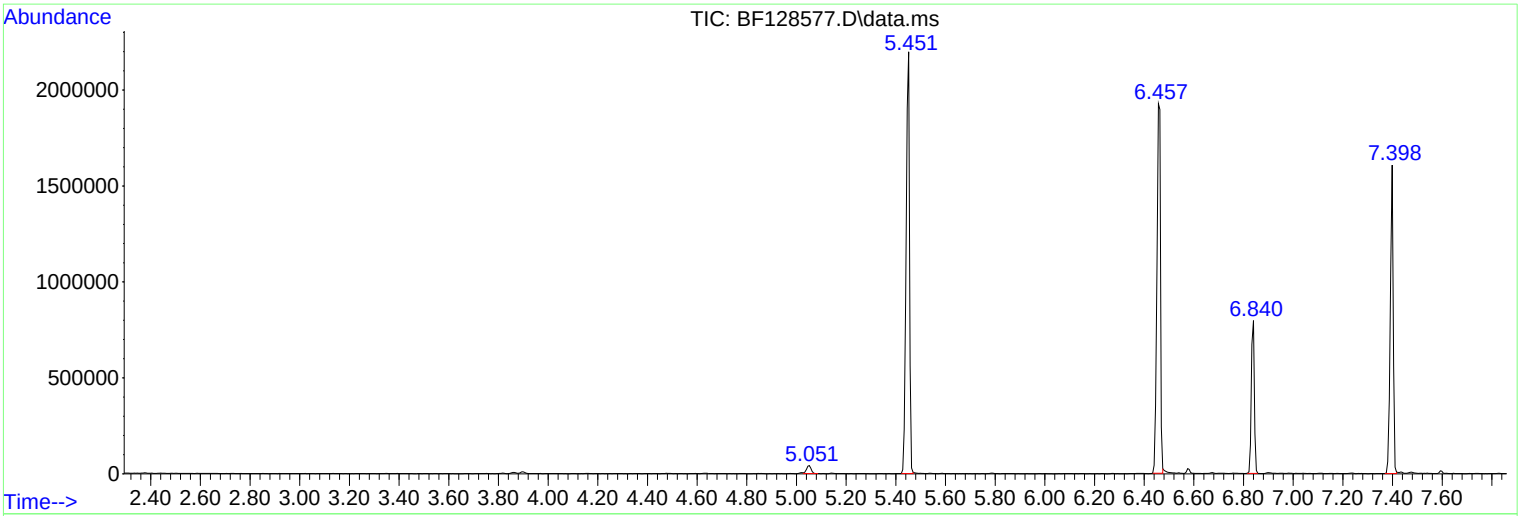
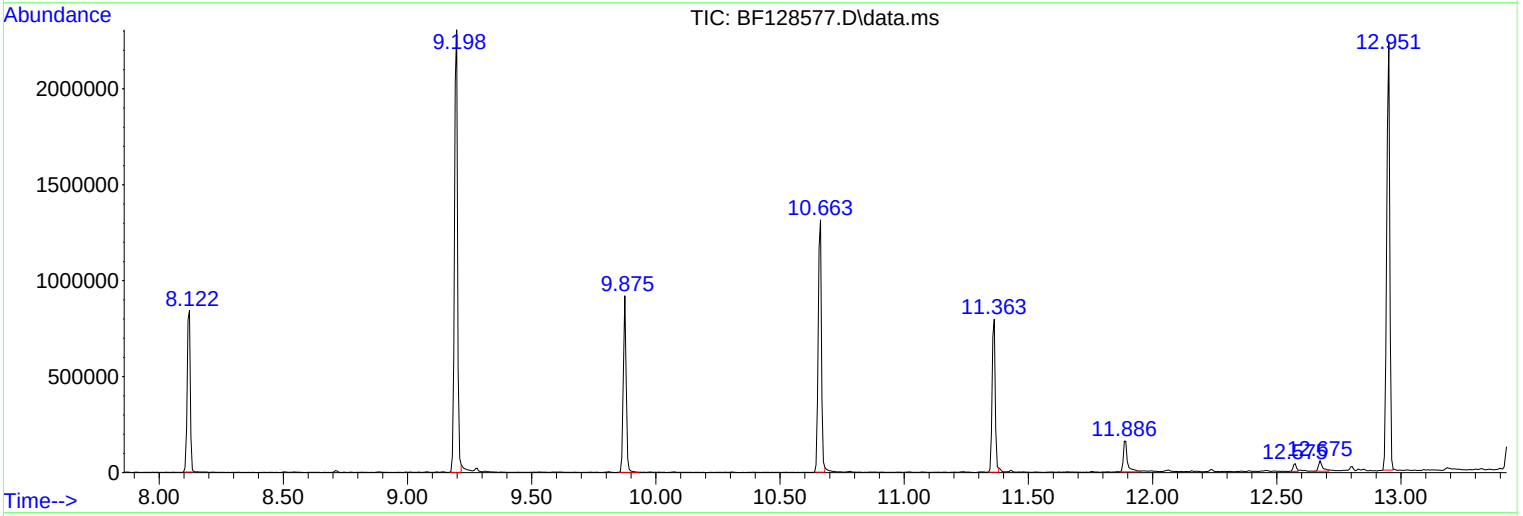
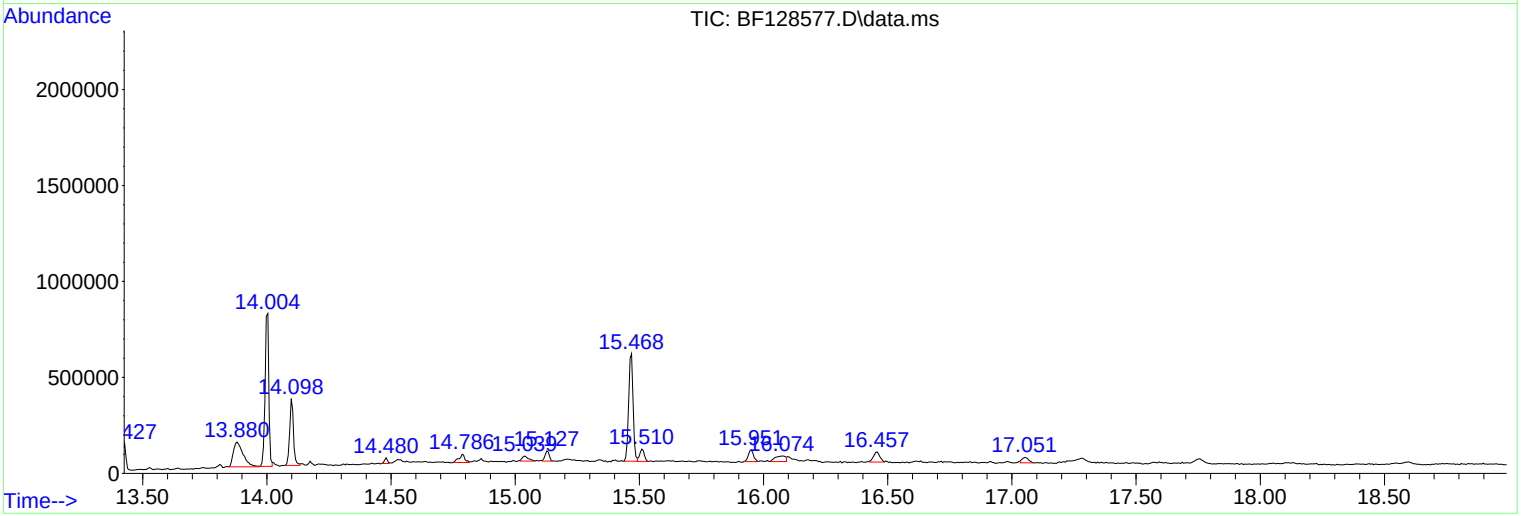
P036-SS001-1218-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.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

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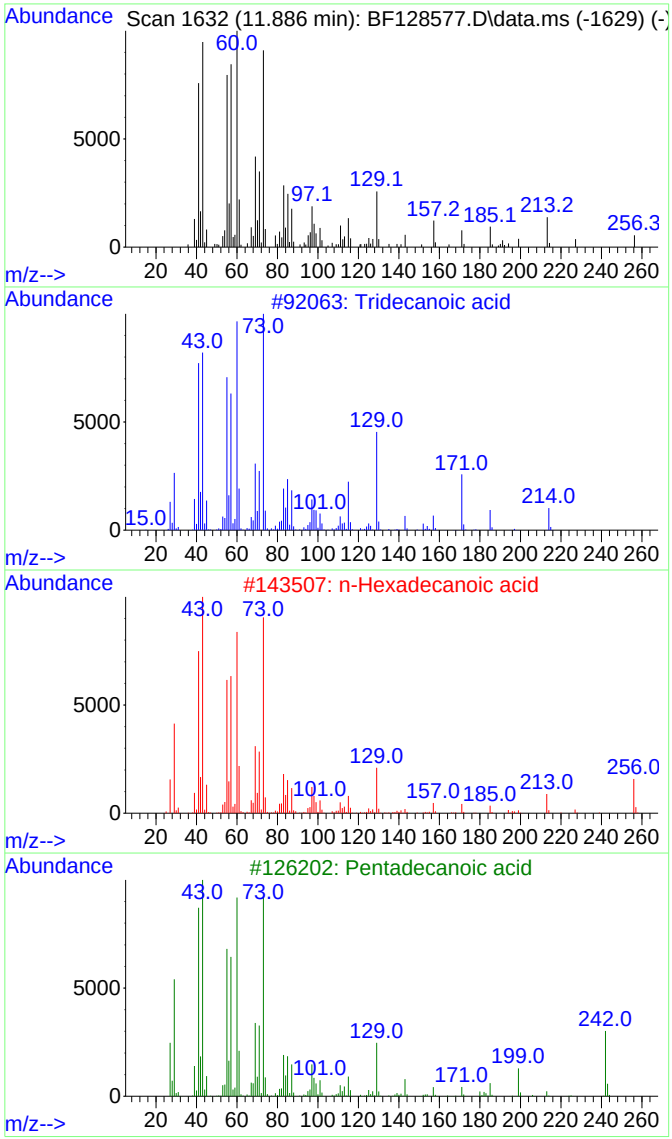
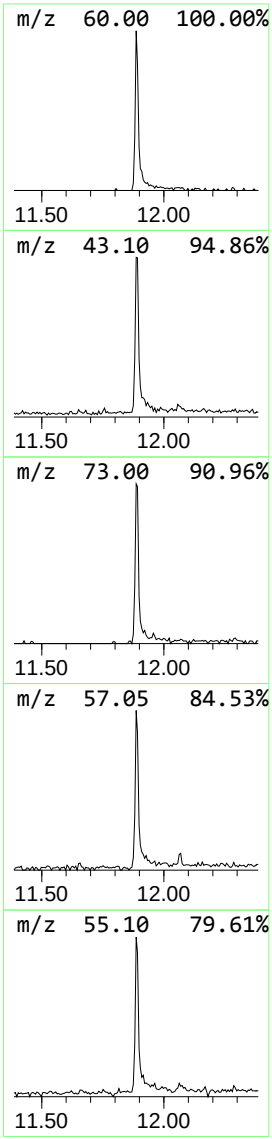
Peak Number 1 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	5.24 ng	184071	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	64





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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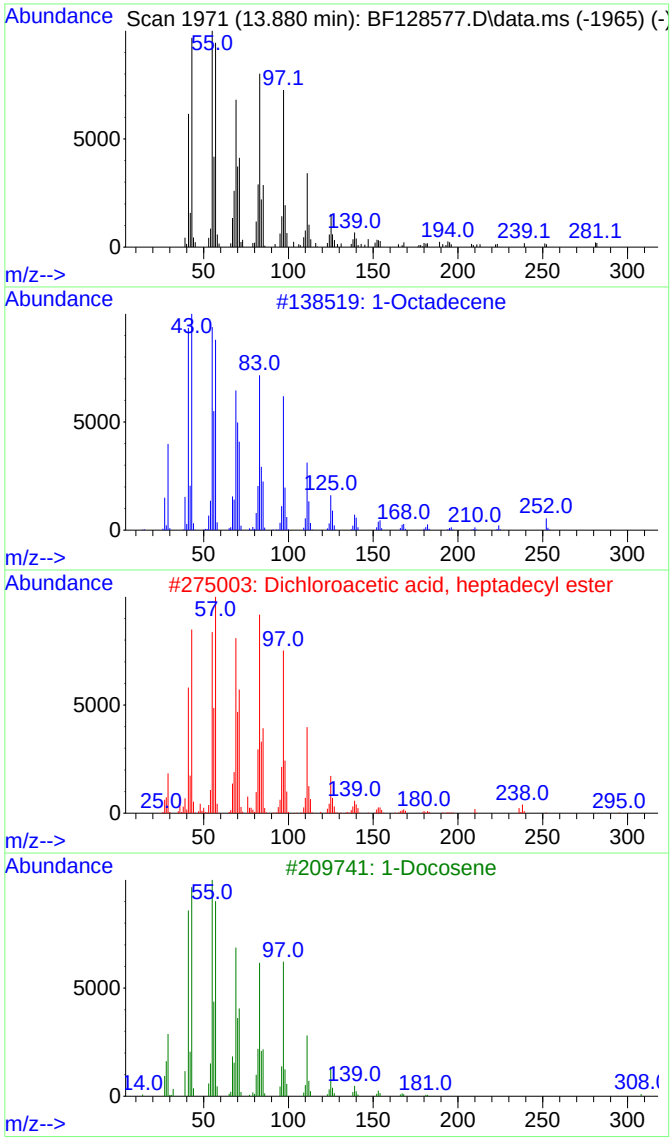
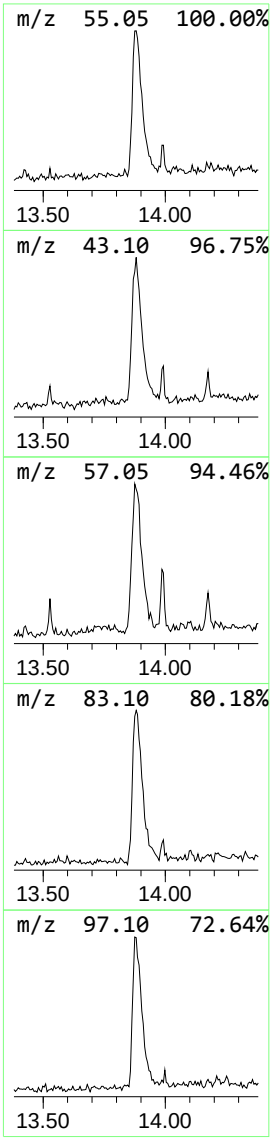
Peak Number 2 1-Octadecene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.880	8.59 ng	352421	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	95
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
3	1-Docosene	308	C22H44	001599-67-3	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91





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Misc :
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.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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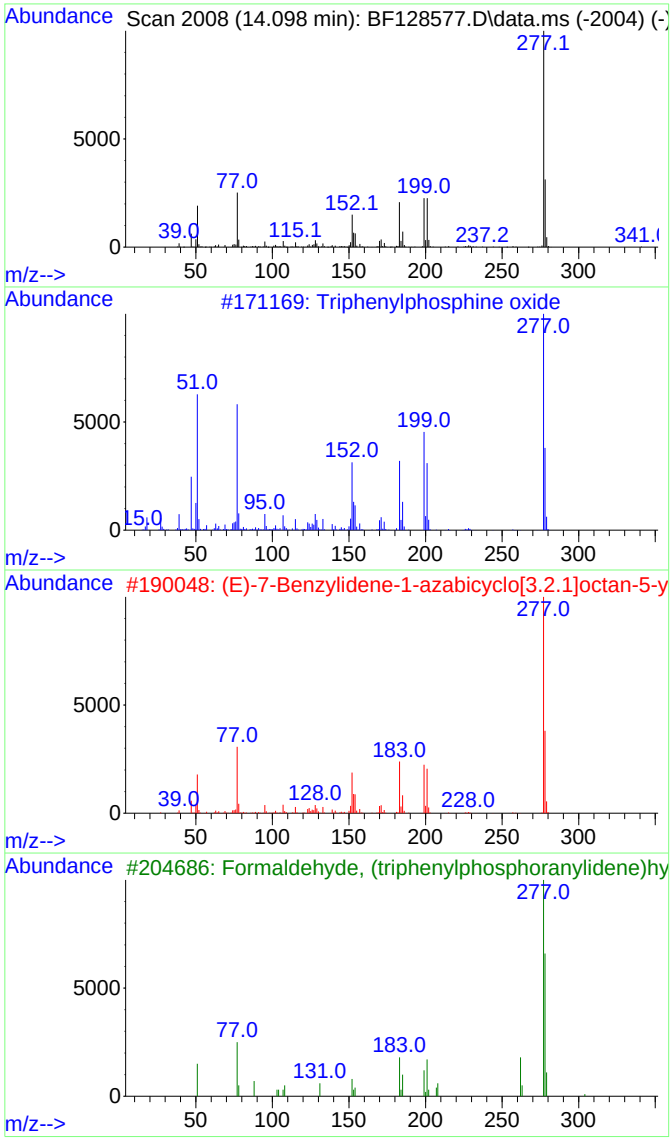
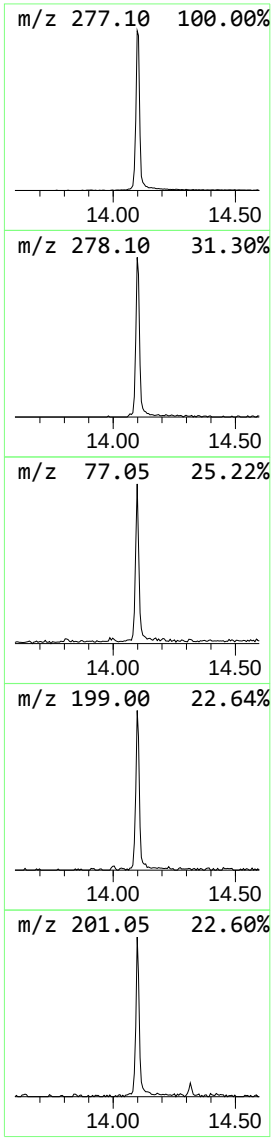
Peak Number 3 Triphenylphosphine oxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.098	8.81 ng	361280	Chrysene-d12	14.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	87
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	64
4	Carbazol-1-one, 1,2,3,4-tetrahyd...	277	C18H15NO2	299962-12-2	37
5	1H-Indole-3-acetic acid, 5-[(tri...	277	C14H19NO3Si	072101-35-0	12





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ClientSampleId :
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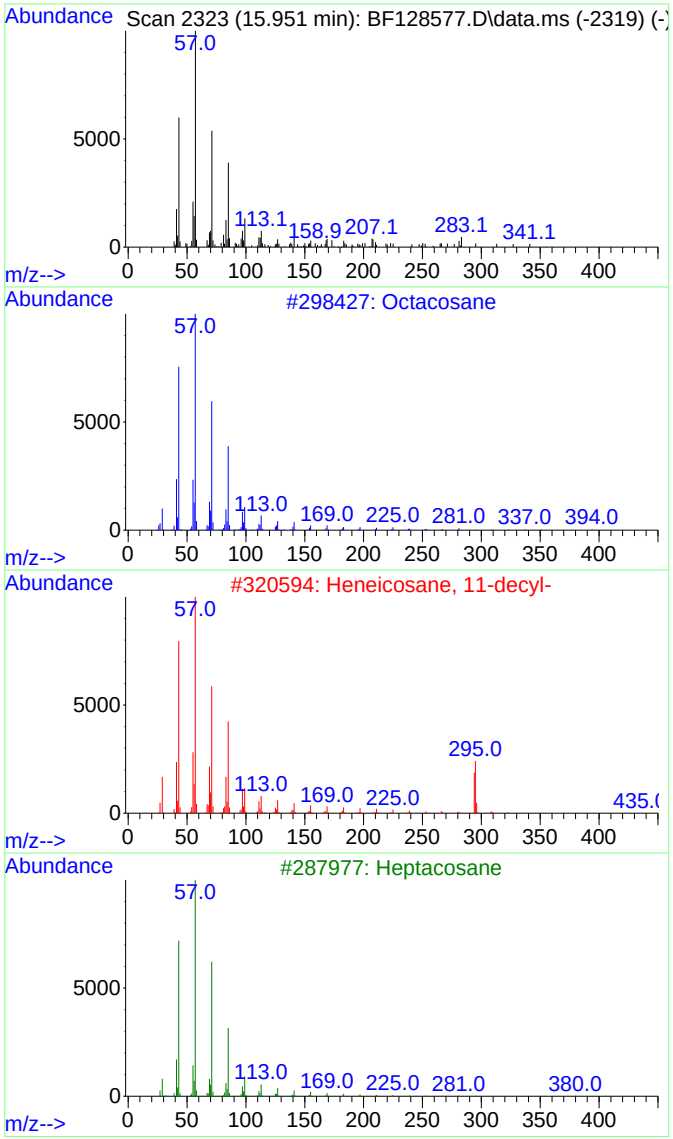
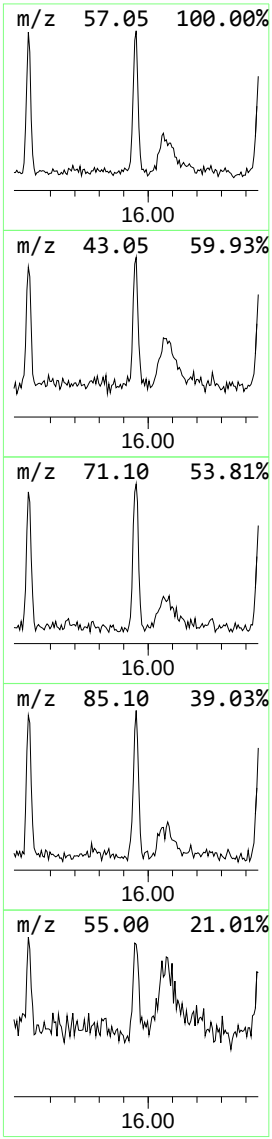
Peak Number 4 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.951	2.42 ng	85397	Perylene-d12	15.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	83
3	Heptacosane	380	C27H56	000593-49-7	83
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80
5	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	80





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Misc :
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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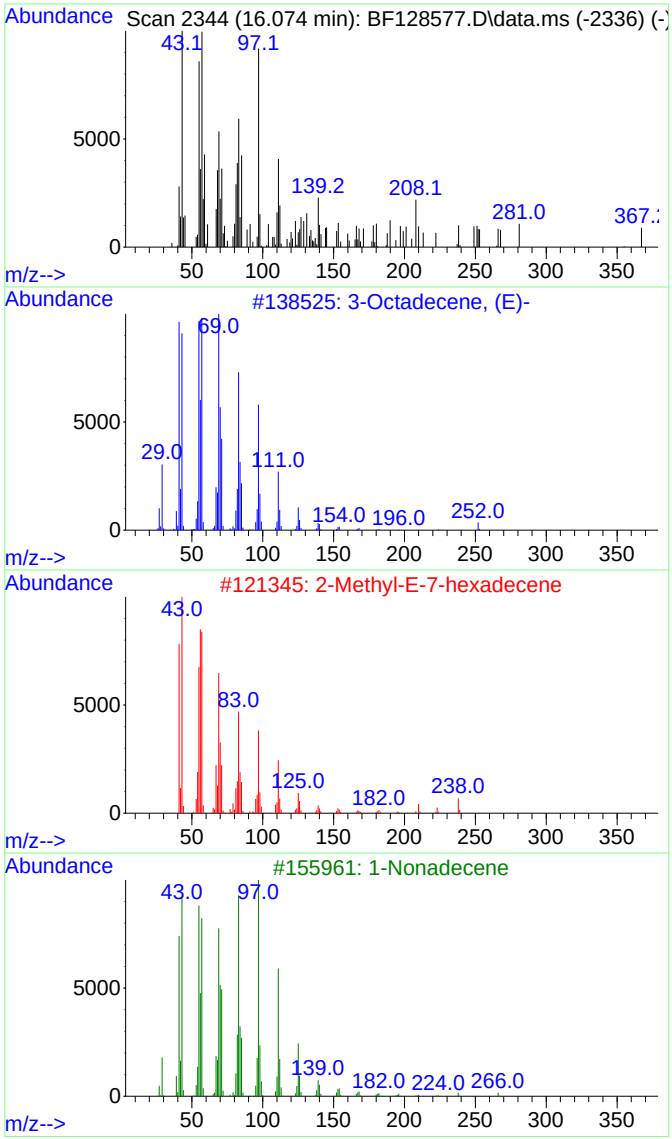
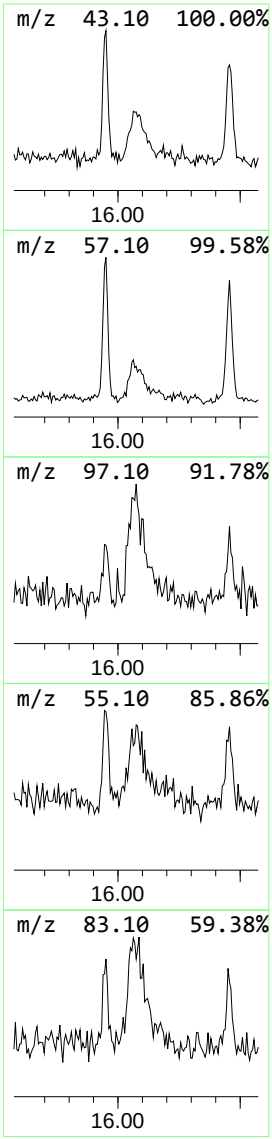
Peak Number 5 unknown16.074 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.074	2.46 ng	86848	Perylene-d12	15.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	49
2	2-Methyl-E-7-hexadecene	238	C17H34	064183-52-4	38
3	1-Nonadecene	266	C19H38	018435-45-5	30
4	2-Heptadecenal	252	C17H32O	1000143-48-6	25
5	Hexacosyl acetate	424	C28H56O2	000822-32-2	25





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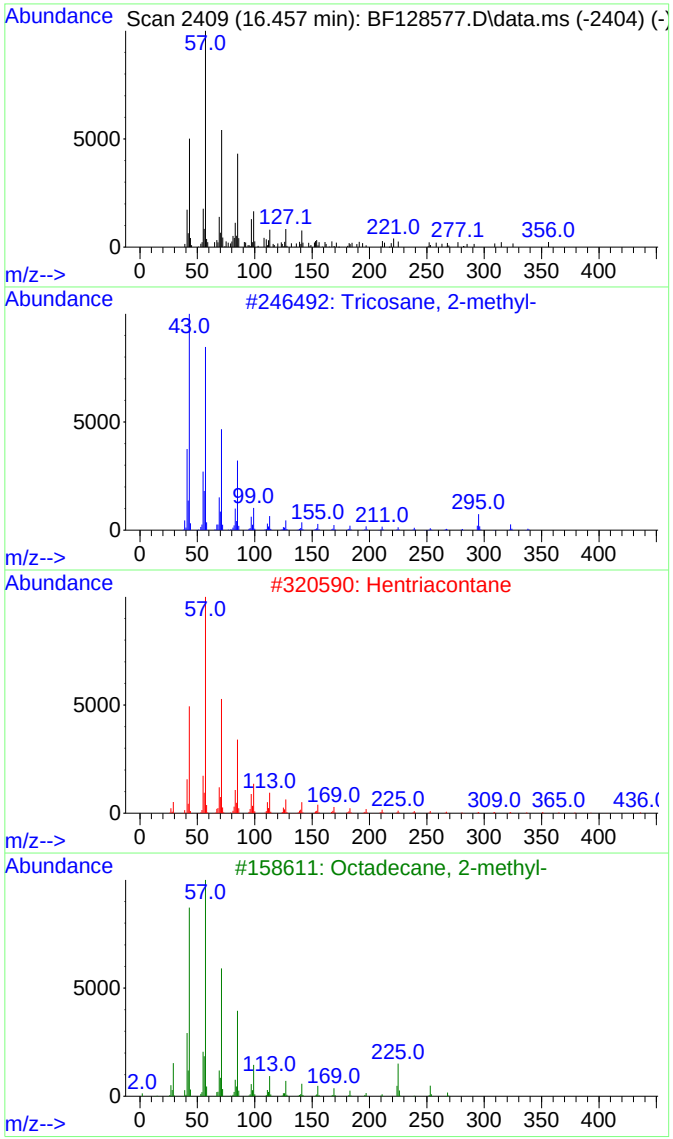
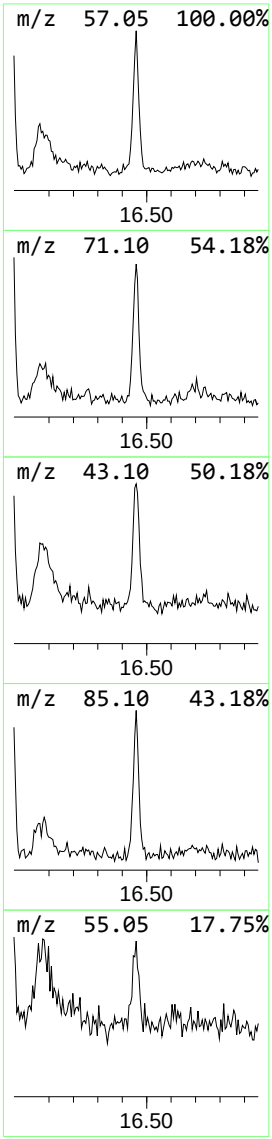
Peak Number 6 Tricosane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.457	2.61 ng	91923	Perylene-d12	15.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane, 2-methyl-	338	C24H50	001928-30-9	86
2	Hentriacontane	437	C31H64	000630-04-6	86
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	83
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80
5	Heneicosane	296	C21H44	000629-94-7	80





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
Tridecanoic acid	11.886	5.2	ng	184071	4	11.363	703079	20.0
1-Octadecene	13.880	8.6	ng	352421	5	14.004	820600	20.0
Triphenylphosph...	14.098	8.8	ng	361280	5	14.004	820600	20.0
Octacosane	15.951	2.4	ng	85397	6	15.468	704794	20.0
unknown16.074	16.074	2.5	ng	86848	6	15.468	704794	20.0
Tricosane, 2-me...	16.457	2.6	ng	91923	6	15.468	704794	20.0