LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
Data File : BF127916.D
Acq On : 26 Apr 2022 16:51
Operator : CG\JU
Sample : N2559-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-10S

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-BF042222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127916.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.357	3	12	20	rVB	278749	417734	6.41%	1.024%
2	5.228	495	500	507	rVB	51002	68755	1.06%	0.169%
3	5.581	554	560	563	rBV	4329572	5235818	80.36%	12.837%
4	6.575	722	729	732	rBV	4170470	5489260	84.25%	13.458%
5	6.940	787	791	795	rVB	1147647	923838	14.18%	2.265%
6	7.510	881	888	891	rBV	3142330	3782607	58.06%	9.274%
7	8.222	1004	1009	1013	rBV	1226474	1221499	18.75%	2.995%
8	9.304	1186	1193	1196	rBV	5787052	6515267	100.00%	15.974%
9	9.986	1303	1309	1312	rBV	1462041	1462516	22.45%	3.586%
10	10.780	1436	1444	1447	rBV	4081016	4331107	66.48%	10.619%
11	11.475	1558	1562	1565	rBV	1721779	1537561	23.60%	3.770%
12	11.498	1565	1566	1570	rVB	155354	96047	1.47%	0.235%
13	11.986	1643	1649	1658	rBV2	246088	367866	5.65%	0.902%
14	12.692	1765	1769	1772	rBV	198319	175942	2.70%	0.431%
15	12.774	1778	1783	1793	rBV	63969	120780	1.85%	0.296%
16	12.921	1802	1808	1811	rBV	168156	175246	2.69%	0.430%
17	13.074	1828	1834	1837	rBV	5628124	6310770	96.86%	15.473%
18	14.021	1990	1995	2005	rBV2	224720	472265	7.25%	1.158%
19	14.121	2008	2012	2015	rBV	1024856	938597	14.41%	2.301%
20	14.216	2026	2028	2033	rVB2	90613	101088	1.55%	0.248%
21	14.515	2076	2079	2086	rVB3	70420	156828	2.41%	0.385%
22	15.639	2265	2270	2279	rVB	642757	885338	13.59%	2.171%

Sum of corrected areas: 40786729

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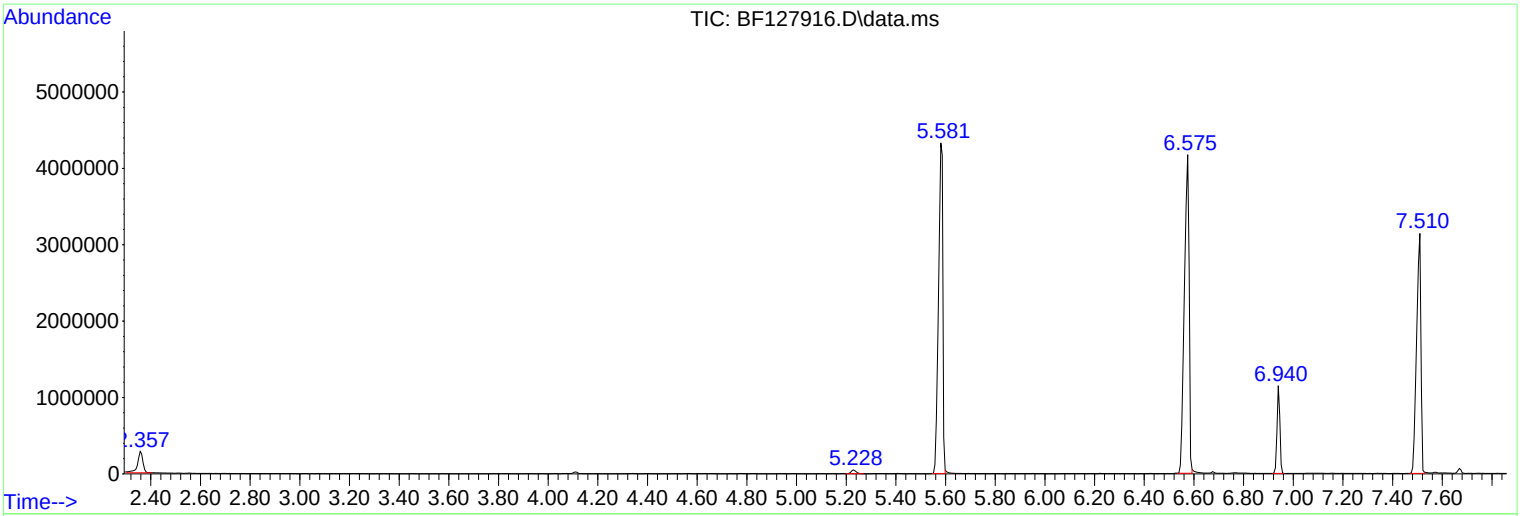
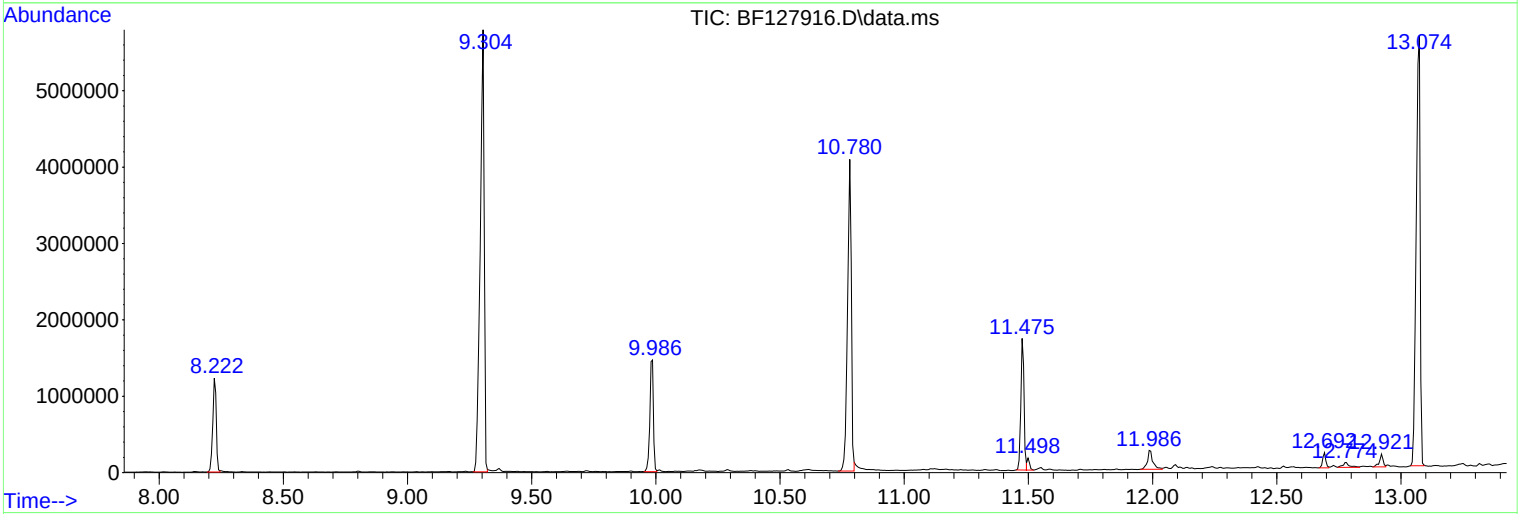
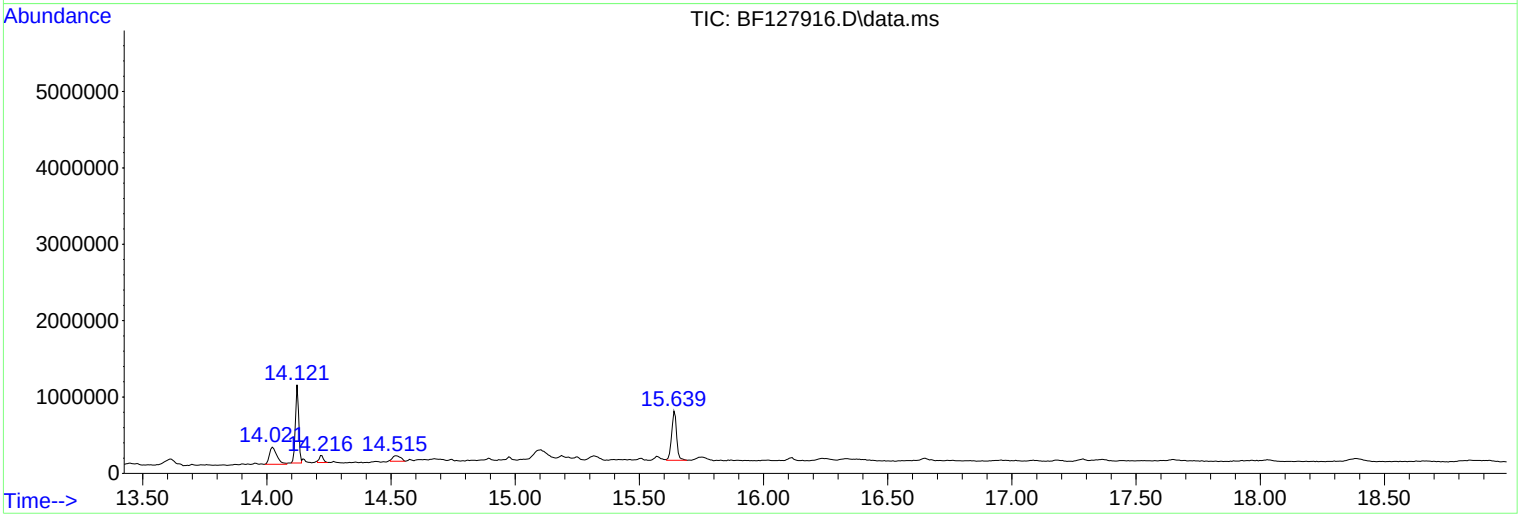
ClientSampleId :
MH-10S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.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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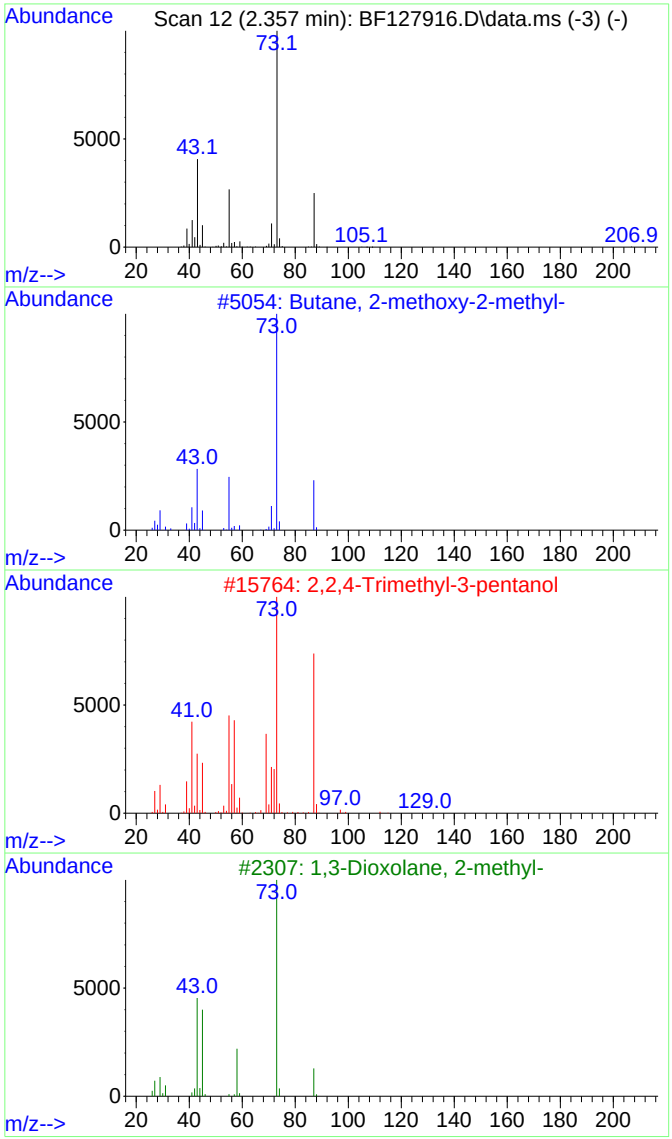
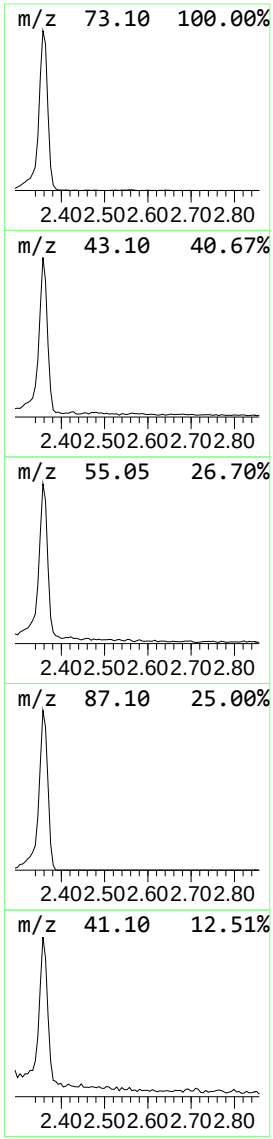
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.357	9.04 ng	417734	1,4-Dichlorobenzene-d4	6.940

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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
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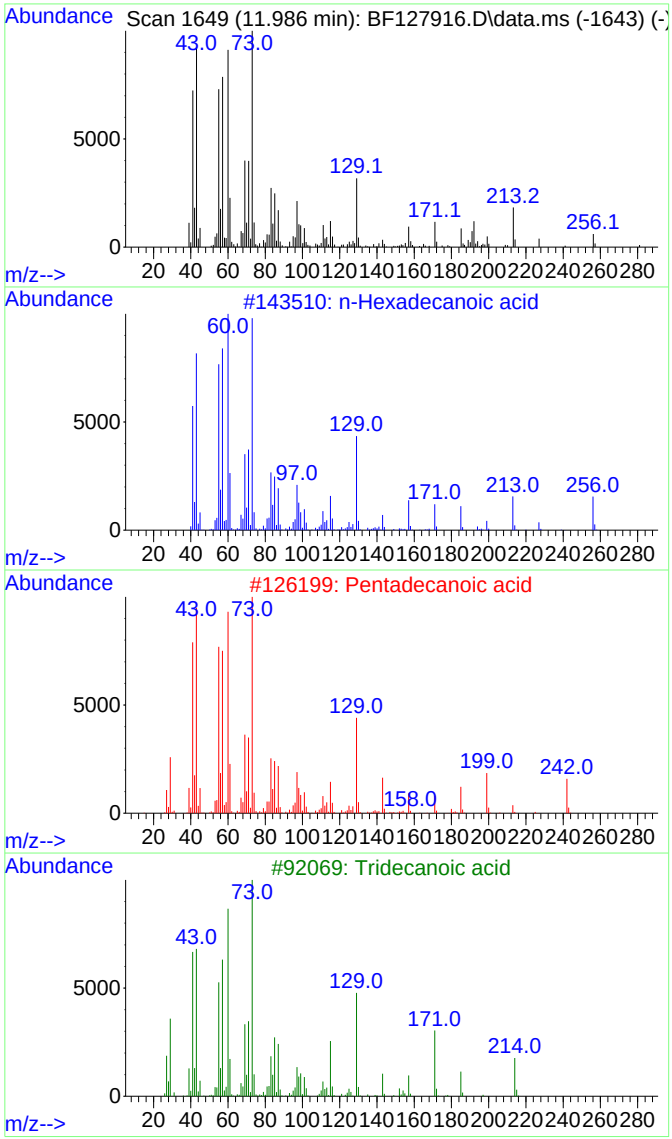
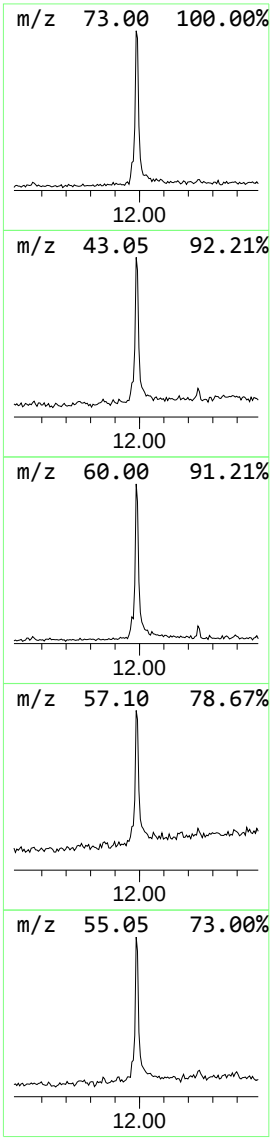
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.986	4.79 ng	367866	Phenanthrene-d10	11.475

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Undecanoic acid	186	C11H22O2	000112-37-8	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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Instrument :
BNA_F
ClientSampleId :
MH-10S

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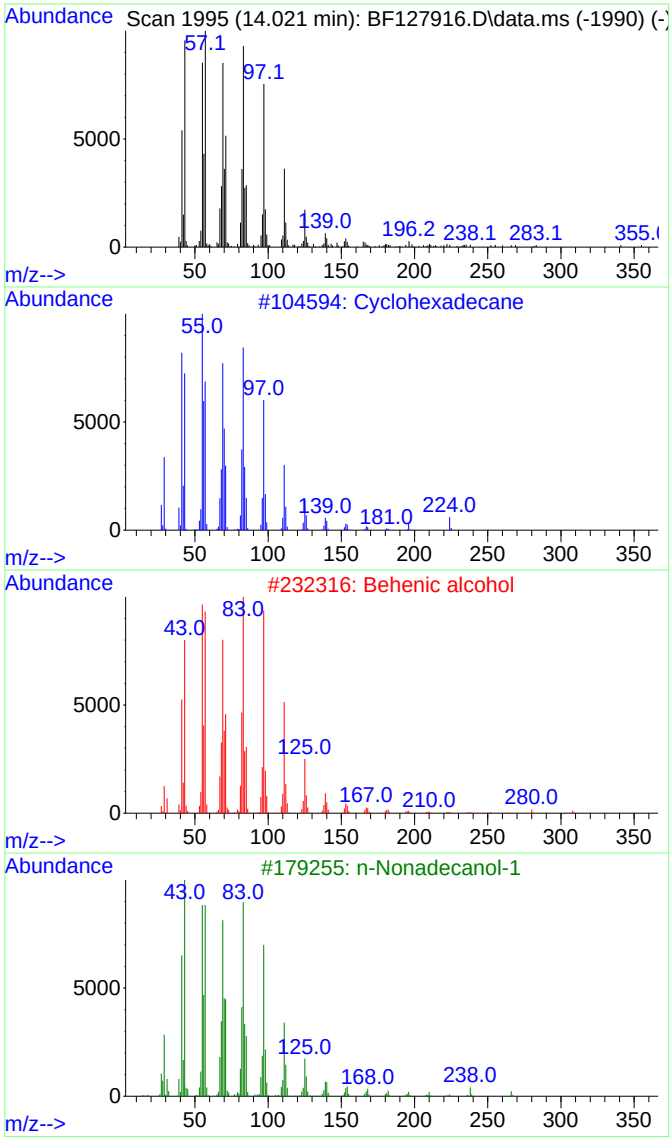
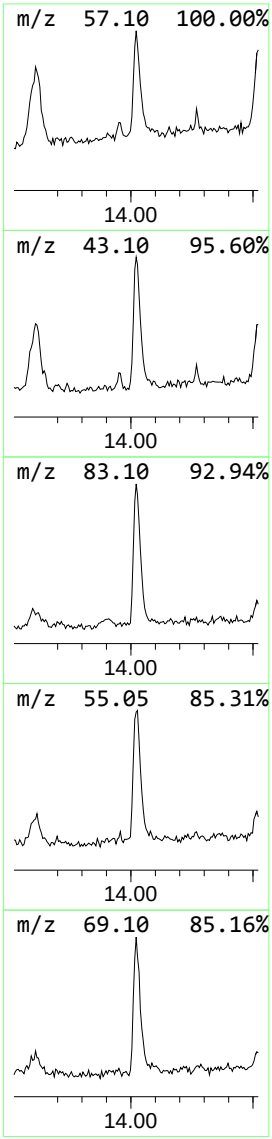
Peak Number 4 Cyclohexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.021	10.06 ng	472265	Chrysene-d12	14.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	96
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





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Misc :
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Instrument :
BNA_F
ClientSampleId :
MH-10S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
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TIC Library : C:\Database\NIST20.L
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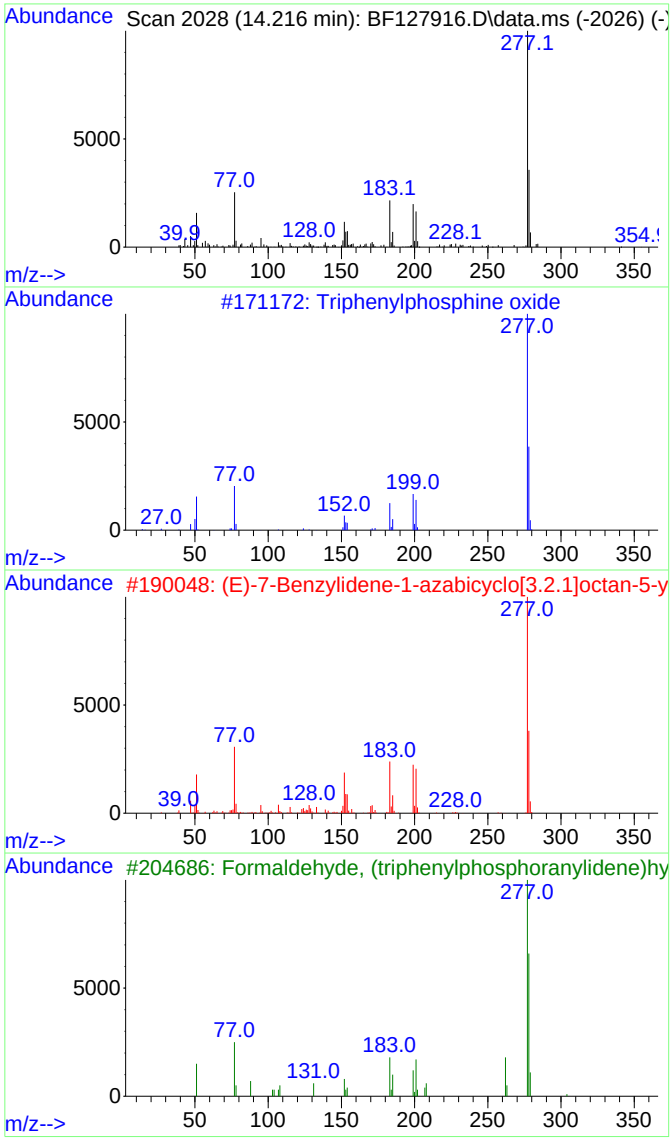
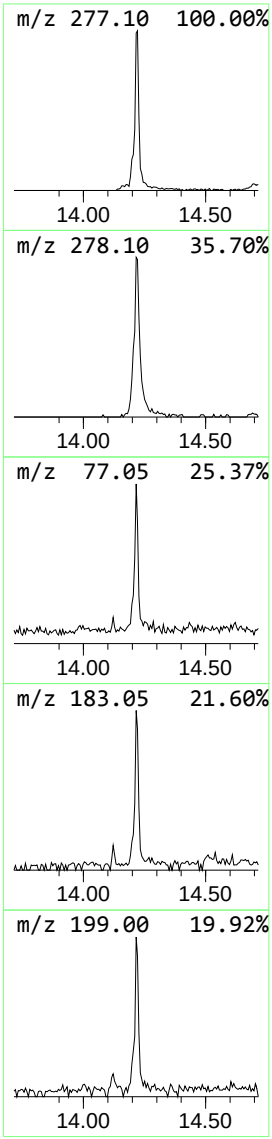
Peak Number 5 Triphenylphosphine oxide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.216	2.15 ng	101088	Chrysene-d12	14.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	96
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	47
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	39
4	Carbazol-1-one, 1,2,3,4-tetrahyd...	277	C18H15NO2	299962-12-2	25
5	Thiophene-3-carbonitrile, 4-(4-m...	277	C13H11NO2S2	1000268-75-0	25





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Sample : N2559-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-10S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
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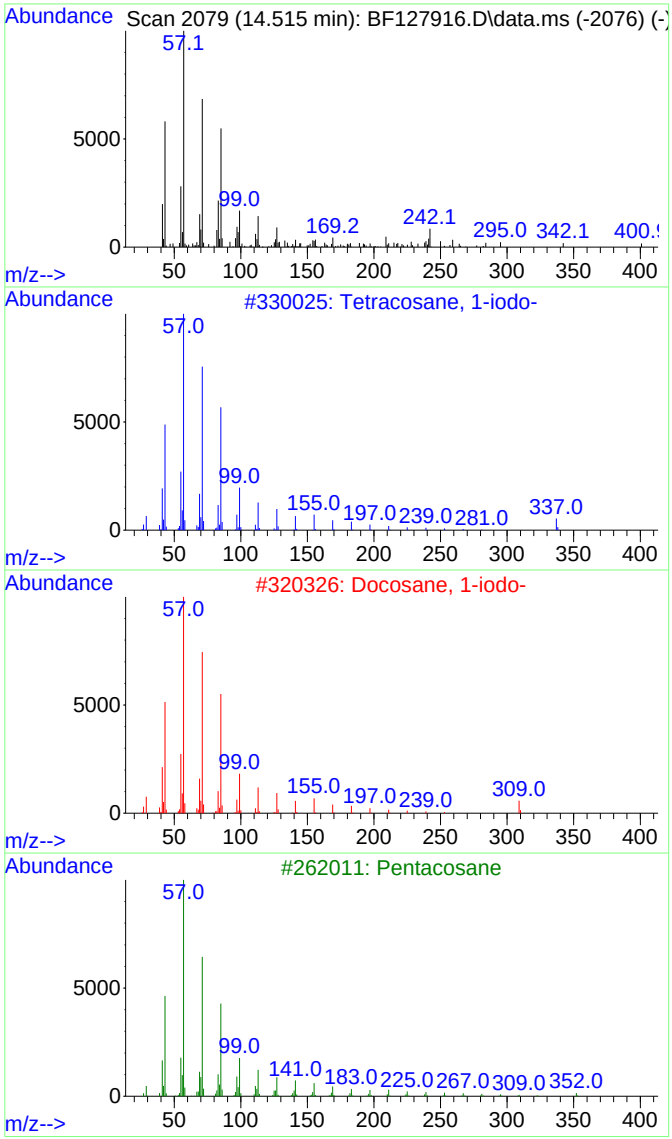
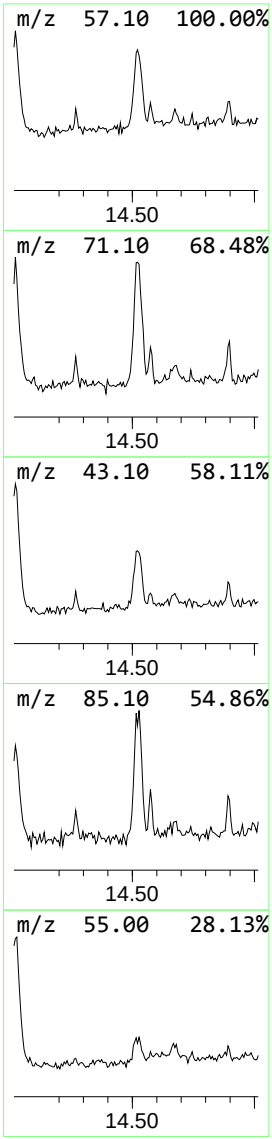
Peak Number 6 Tetracosane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.515	3.34 ng	156828	Chrysene-d12	14.121

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane, 1-iodo-	464	C24H49I	1000406-32-0	86
2	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	86
3	Pentacosane	352	C25H52	000629-99-2	86
4	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	80
5	Heptadecane	240	C17H36	000629-78-7	74





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.357	9.0	ng	417734	1	6.940	923838	20.0
n-Hexadecanoic ...	11.986	4.8	ng	367866	4	11.475	1537560	20.0
Cyclohexadecane	14.021	10.1	ng	472265	5	14.121	938597	20.0
Triphenylphosph...	14.216	2.1	ng	101088	5	14.121	938597	20.0
Tetracosane, 1-...	14.515	3.3	ng	156828	5	14.121	938597	20.0