LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
Data File : BF114324.D
Acq On : 16 May 2019 21:59
Operator : JU/SJ
Sample : K2637-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-051519-B

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-BF051019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.916	307	311	321	rVB	108822	158971	3.32%	0.369%
2	5.487	573	578	598	rBV	4204065	4477484	93.60%	10.395%
3	6.498	745	750	768	rBV	4650365	4783396	100.00%	11.105%
4	6.628	768	772	775	rBV	5001205	4509266	94.27%	10.469%
5	6.851	806	810	818	rBV	1544709	1411529	29.51%	3.277%
6	7.004	832	836	840	rBV	3690068	3454628	72.22%	8.020%
7	7.410	901	905	918	rBV	3098417	3012064	62.97%	6.993%
8	8.128	1024	1027	1042	rBV	1682976	1765189	36.90%	4.098%
9	9.204	1206	1210	1213	rBV	5173232	4369175	91.34%	10.143%
10	9.598	1273	1277	1286	rBV	552645	563967	11.79%	1.309%
11	9.886	1322	1326	1339	rVB	1929180	1867330	39.04%	4.335%
12	10.674	1456	1460	1474	rBV	2642745	2591203	54.17%	6.016%
13	11.263	1556	1560	1565	rVB3	38164	55942	1.17%	0.130%
14	11.368	1574	1578	1581	rBV	1720072	1664127	34.79%	3.863%
15	11.392	1581	1582	1589	rVB	196939	172215	3.60%	0.400%
16	11.892	1662	1667	1675	rBV3	240046	316584	6.62%	0.735%
17	12.586	1782	1785	1789	rBV	228010	220793	4.62%	0.513%
18	12.674	1798	1800	1806	rBV7	35427	63751	1.33%	0.148%
19	12.815	1821	1824	1828	rVB	204402	183434	3.83%	0.426%
20	12.951	1843	1847	1850	rBV	3413554	3060922	63.99%	7.106%
21	13.851	1997	2000	2006	rVB2	198325	275324	5.76%	0.639%
22	14.015	2023	2028	2031	rBV	1381234	1532096	32.03%	3.557%
23	14.162	2051	2053	2056	rBV	103783	85828	1.79%	0.199%
24	14.468	2103	2105	2108	rVB	124789	107181	2.24%	0.249%
25	14.774	2155	2157	2161	rBV	135253	130654	2.73%	0.303%
26	14.851	2167	2170	2174	rVB	331610	341440	7.14%	0.793%
27	15.115	2212	2215	2218	rVB	190042	199554	4.17%	0.463%
28	15.492	2275	2279	2286	rVB	1324528	1699899	35.54%	3.946%

Sum of corrected areas: 43073946

LSC Report - Integrated Chromatogram

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Misc :
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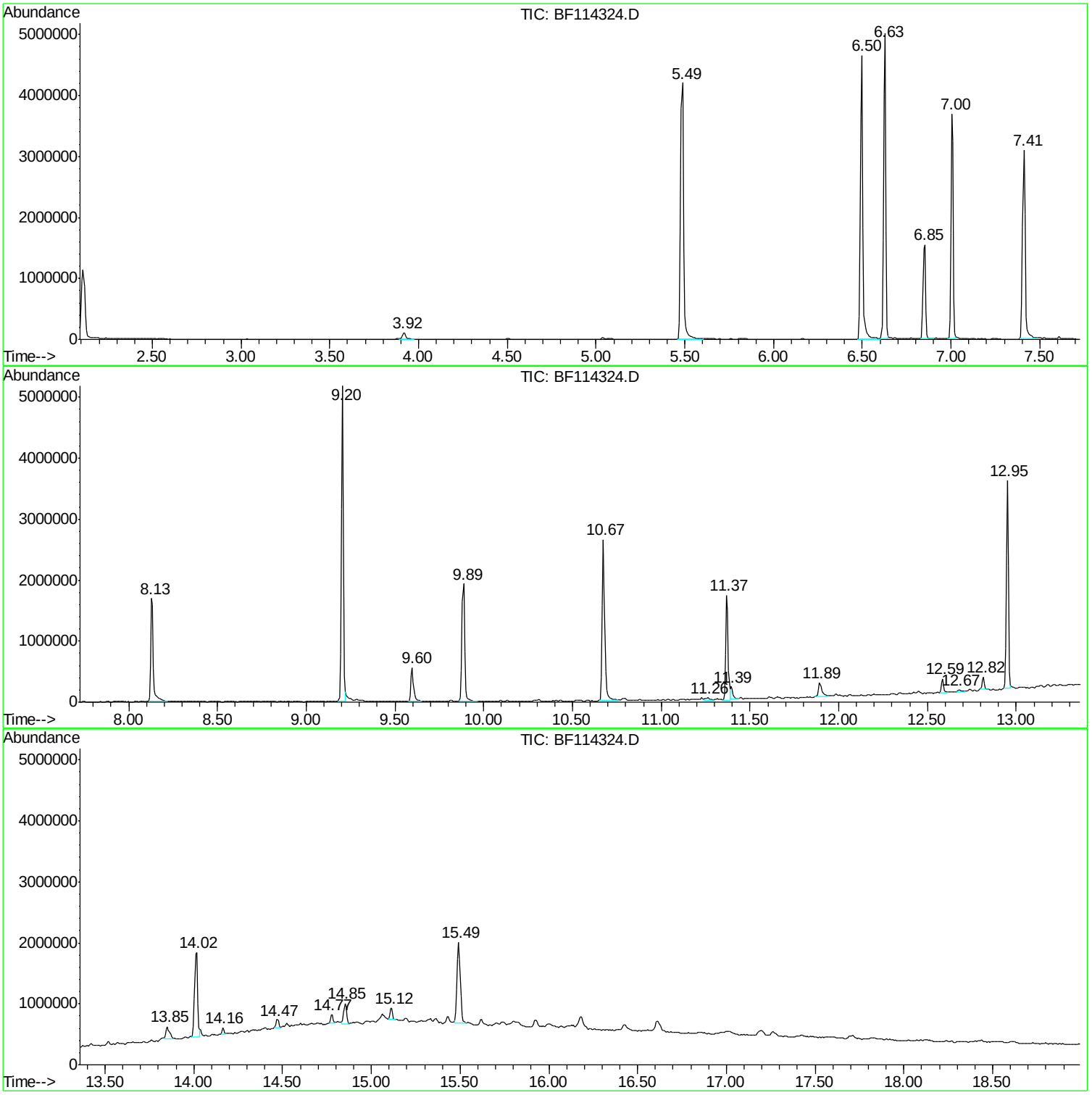
Instrument : BNA_F
ClientSampleId : HR-06-051519-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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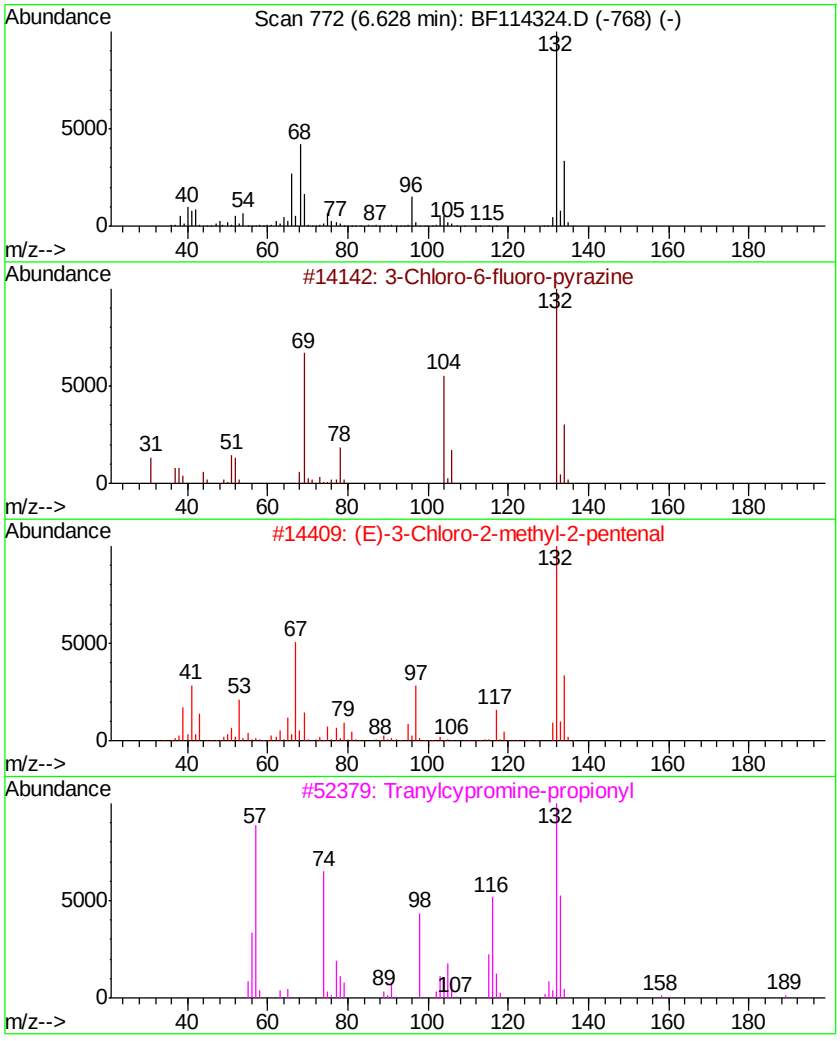
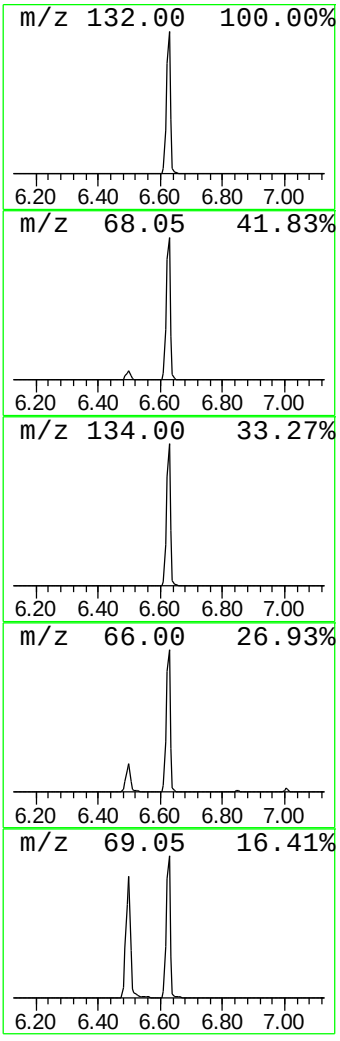
Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	63.89 ng	4509270	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Xenon	132	Xe	007440-63-3	9





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Sample : K2637-03
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Instrument : BNA_F
ClientSampleId : HR-06-051519-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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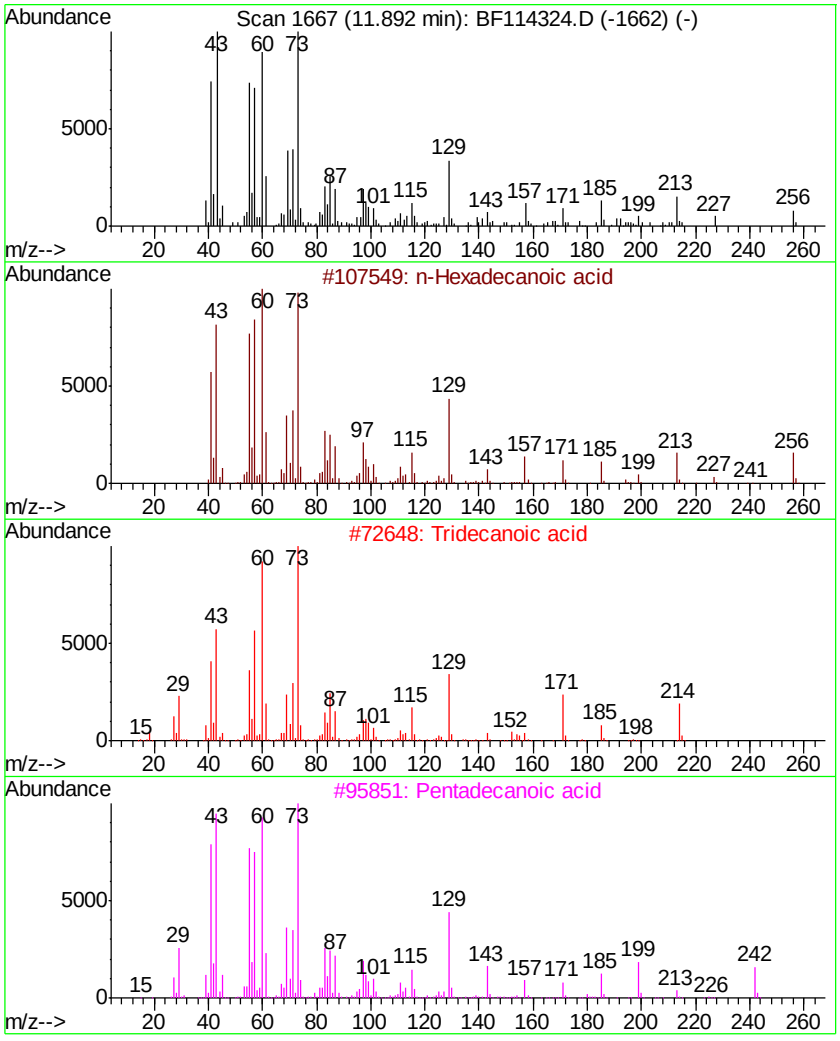
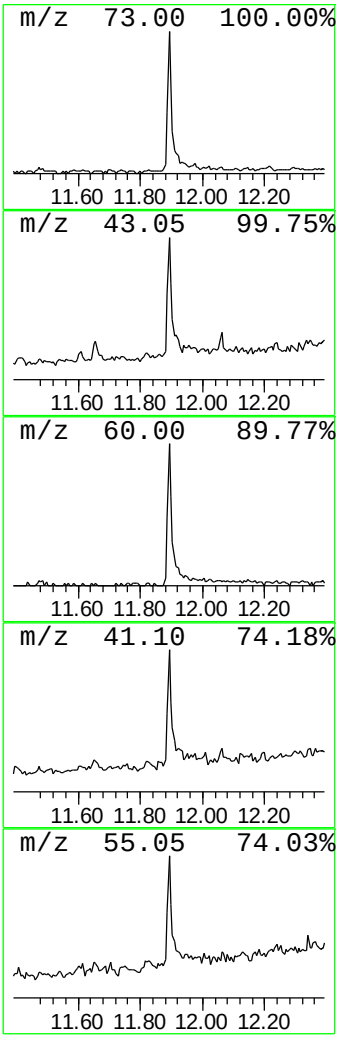
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	3.80 ng	316584	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Dodecanoic acid	200	C12H24O2	000143-07-7	74





Library Search Compound Report

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ClientSampleId : HR-06-051519-B

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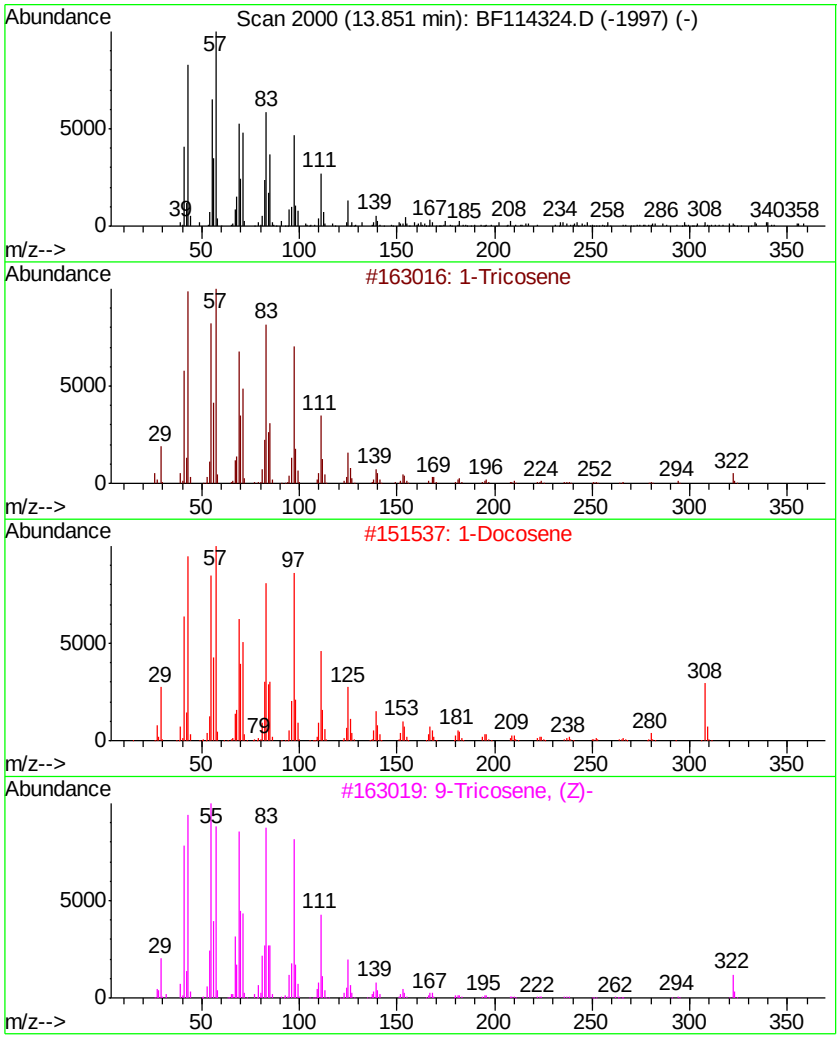
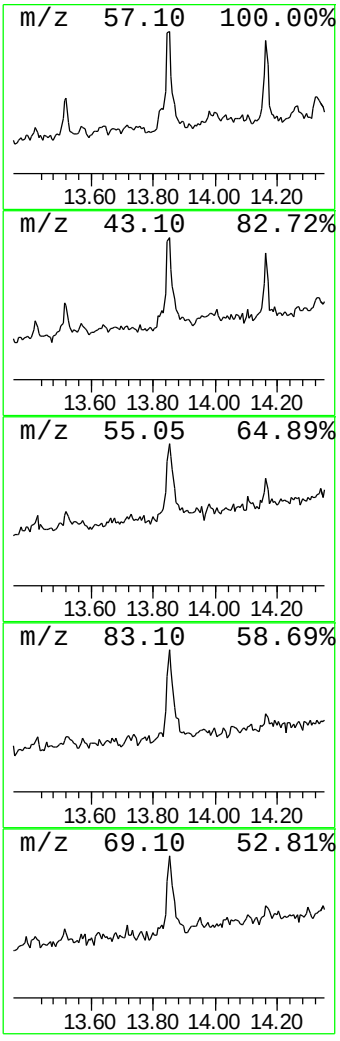
Peak Number 6 1-Tricosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	3.59 ng	275324	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	97
2	1-Docosene	308	C22H44	001599-67-3	93
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91





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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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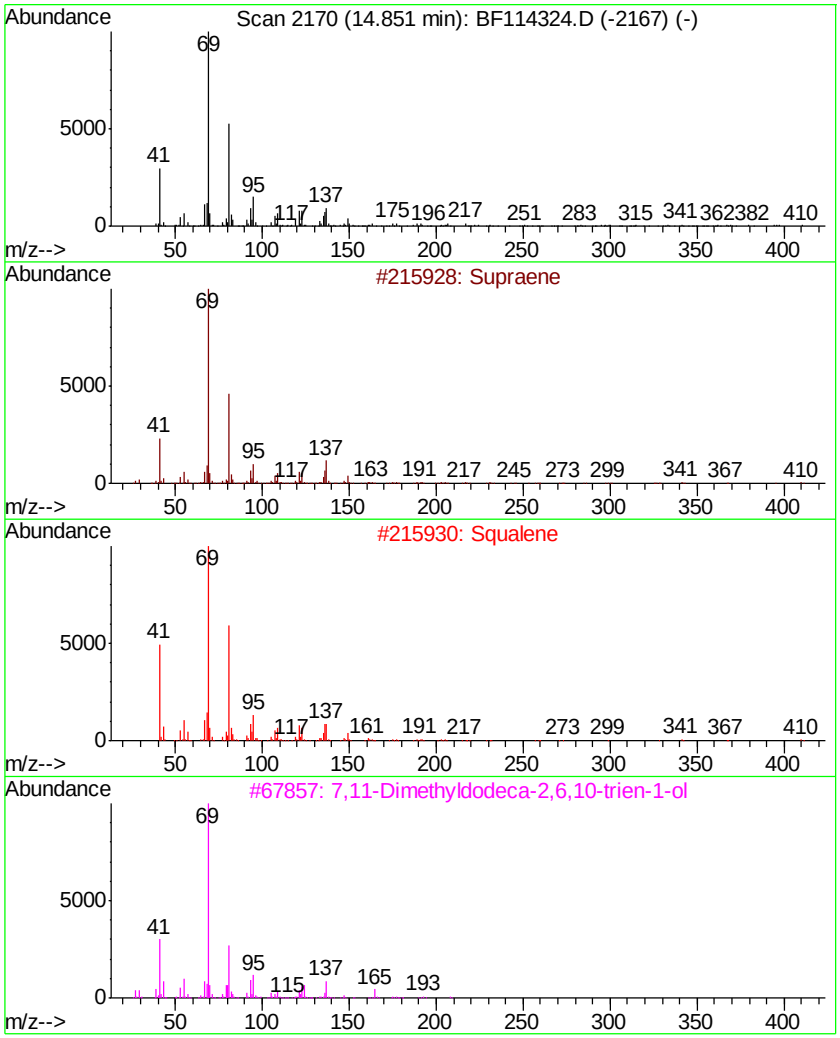
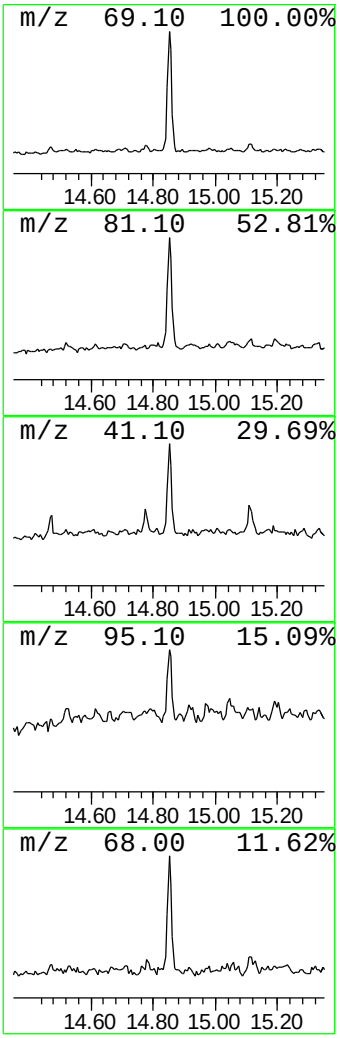
Peak Number 7 Supraene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	4.02 ng	341440	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	98
2	Squalene	410	C30H50	000111-02-4	98
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
4	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	72
5	2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	59





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-051519-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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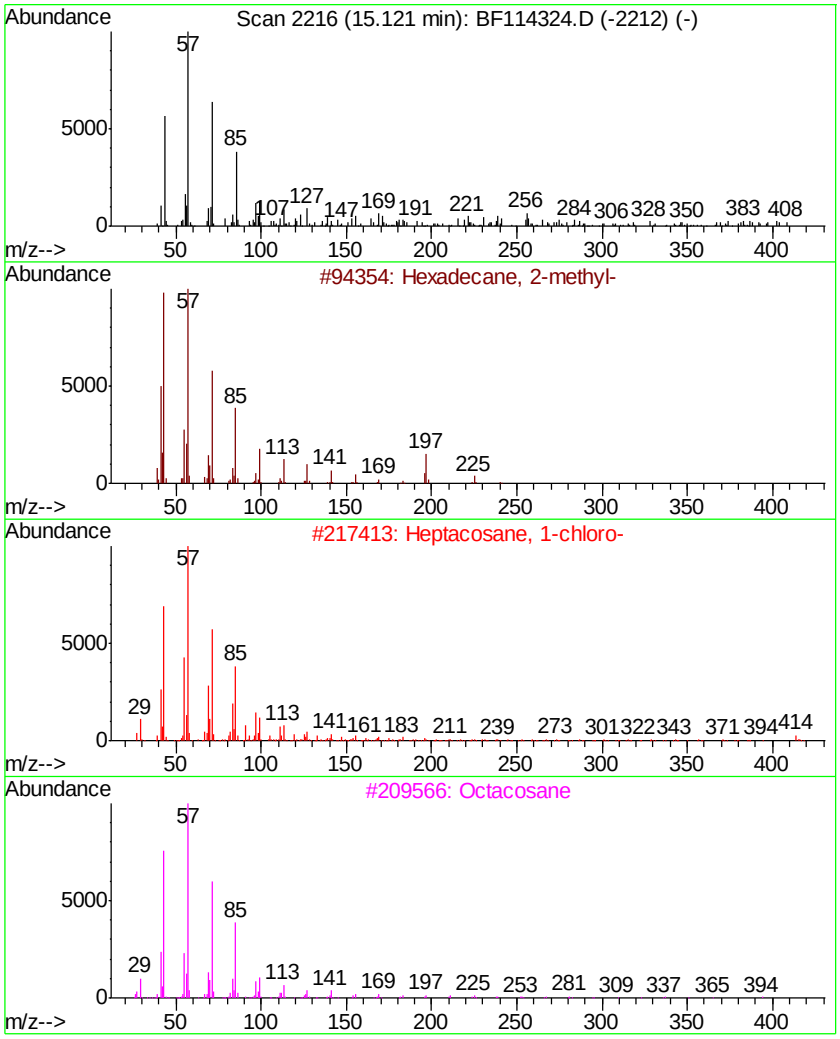
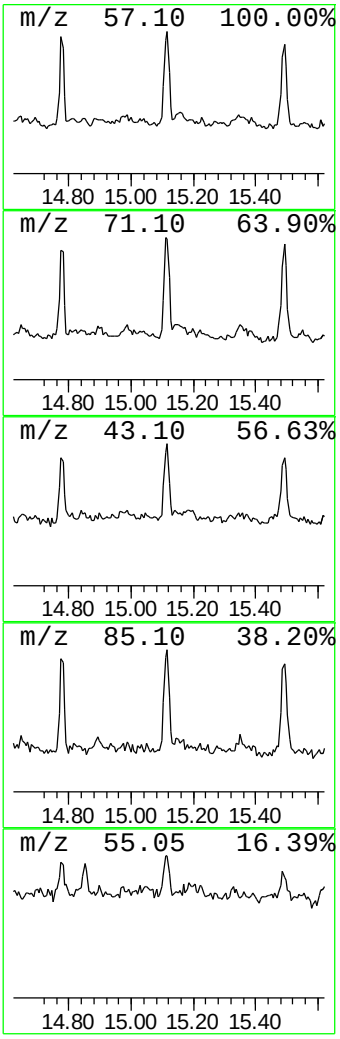
Peak Number 8 Hexadecane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	2.35 ng	199554	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	93
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Eicosane, 9-octyl-	394	C28H58	013475-77-9	90





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
unknown6.63	6.63	63.9	ng	4509270	1	6.85	1411530	20.0
n-Hexadecanoic acid	11.89	3.8	ng	316584	4	11.37	1664130	20.0
1-Tricosene	13.85	3.6	ng	275324	5	14.02	1532100	20.0
Supraene	14.85	4.0	ng	341440	6	15.49	1699900	20.0
Hexadecane, 2-met...	15.12	2.4	ng	199554	6	15.49	1699900	20.0