LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
Data File : BF107200.D
Acq On : 7 Jul 2018 12:30
Operator : JU/SJ
Sample : J3791-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ZER-SB-03-11-72

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-BF061918.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	5.184	480	484	494	rBV	131189	162374	12.20%	1.331%
2	5.590	549	553	573	rBV	1116537	1132499	85.12%	9.285%
3	6.589	719	723	741	rBV	1134376	1177588	88.50%	9.655%
4	6.725	741	746	749	rBV	1189037	1165150	87.57%	9.553%
5	6.942	780	783	787	rBV	409755	344174	25.87%	2.822%
6	7.101	806	810	813	rBV	982375	883404	66.39%	7.243%
7	7.513	875	880	895	rBV	727998	760497	57.16%	6.235%
8	8.225	997	1001	1021	rBV	459398	452642	34.02%	3.711%
9	9.301	1179	1184	1187	rBV	1400430	1291042	97.03%	10.585%
10	9.695	1247	1251	1259	rBV	198726	191583	14.40%	1.571%
11	9.983	1296	1300	1308	rVB	573551	524159	39.39%	4.298%
12	10.783	1432	1436	1445	rBV	982278	948426	71.28%	7.776%
13	11.107	1486	1491	1493	rBV	14400	13849	1.04%	0.114%
14	11.483	1551	1555	1561	rBV	549059	556661	41.84%	4.564%
15	11.907	1623	1627	1631	rBV2	14160	14989	1.13%	0.123%
16	12.330	1696	1699	1706	rVB3	12696	13604	1.02%	0.112%
17	12.483	1722	1725	1729	rBV	27557	22010	1.65%	0.180%
18	12.530	1729	1733	1735	rBV3	11651	14058	1.06%	0.115%
19	13.066	1819	1824	1827	rBV	1364098	1330538	100.00%	10.909%
20	13.195	1843	1846	1850	rVV	76785	69613	5.23%	0.571%
21	13.265	1852	1858	1861	rBV3	12737	14723	1.11%	0.121%
22	13.607	1912	1916	1919	rBV	14965	14553	1.09%	0.119%
23	13.936	1969	1972	1979	rBV	104783	138306	10.39%	1.134%
24	14.130	2002	2005	2015	rVB	453120	448087	33.68%	3.674%
25	14.254	2022	2026	2029	rBV2	17128	18924	1.42%	0.155%
26	14.565	2075	2079	2080	rBV	14169	14356	1.08%	0.118%
27	15.230	2187	2192	2197	rBV4	13929	21542	1.62%	0.177%
28	15.665	2261	2266	2278	rVB	310478	420793	31.63%	3.450%
29	16.159	2346	2350	2355	rBV5	8829	15620	1.17%	0.128%
30	18.395	2724	2730	2735	rBV7	9154	20914	1.57%	0.171%

Sum of corrected areas: 12196678

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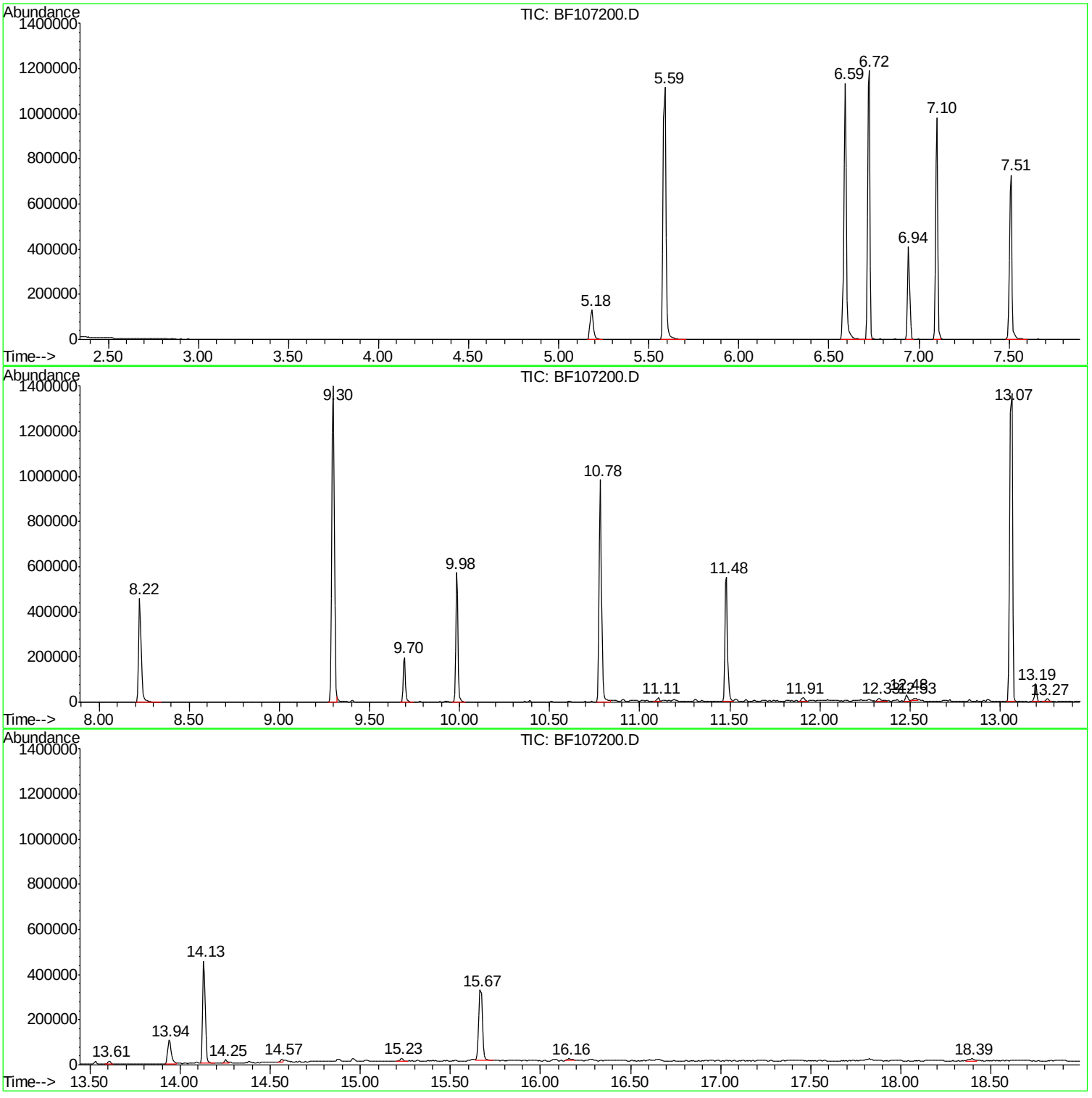
Instrument :
BNA_F
ClientSampleId :
ZER-SB-03-11-72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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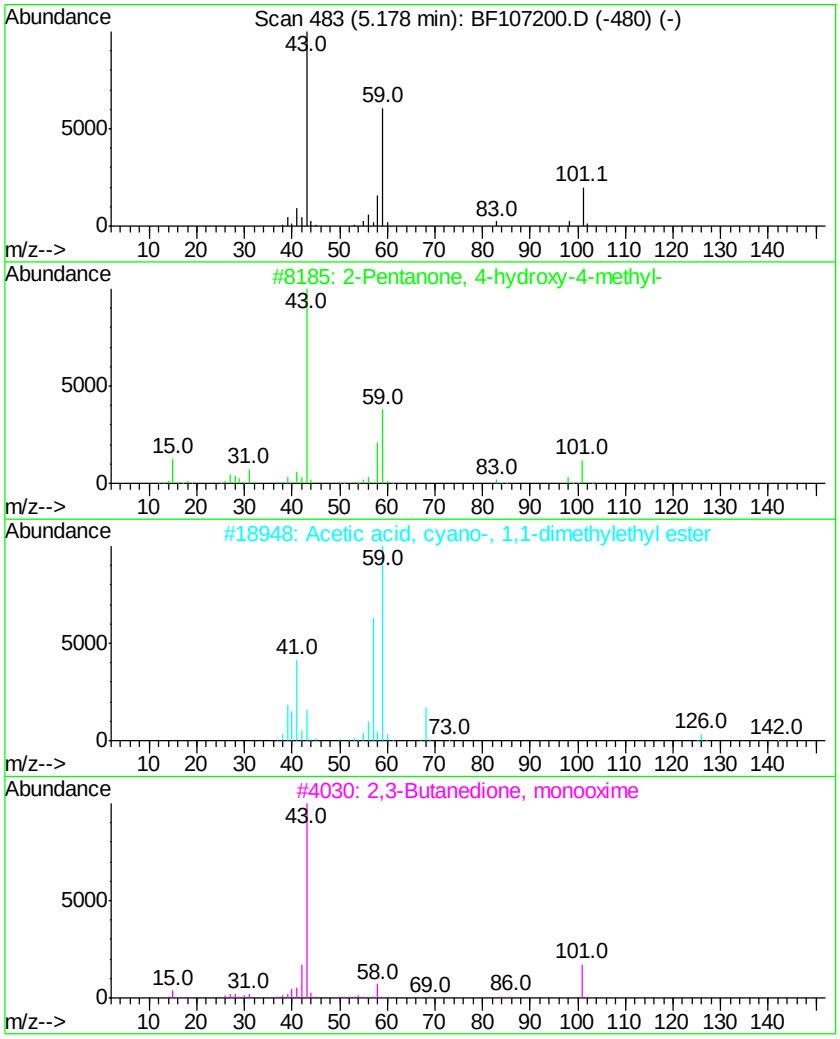
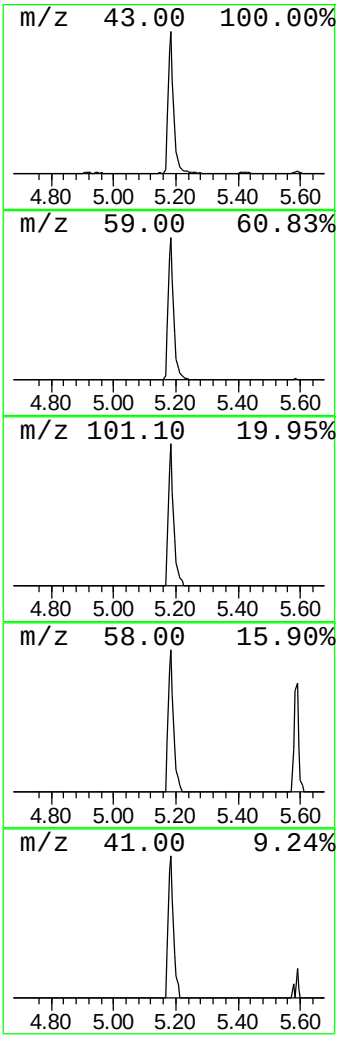
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	9.44 ng	162374	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ZER-SB-03-11-72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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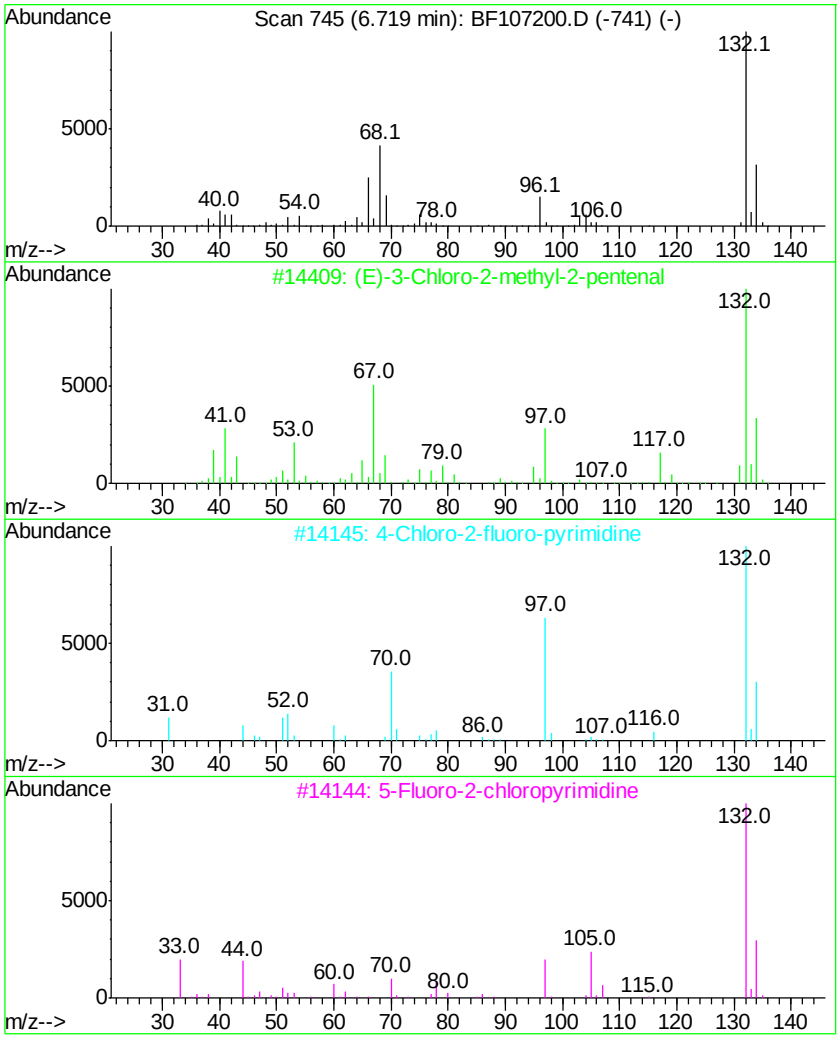
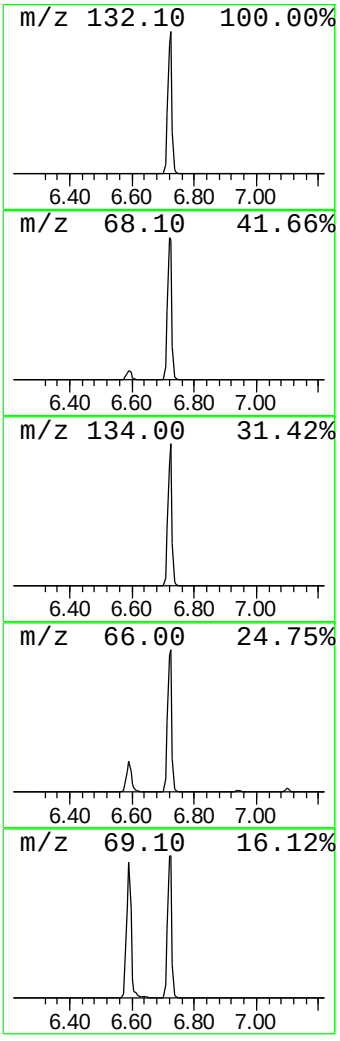
Peak Number 2 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	67.71 ng	1165150	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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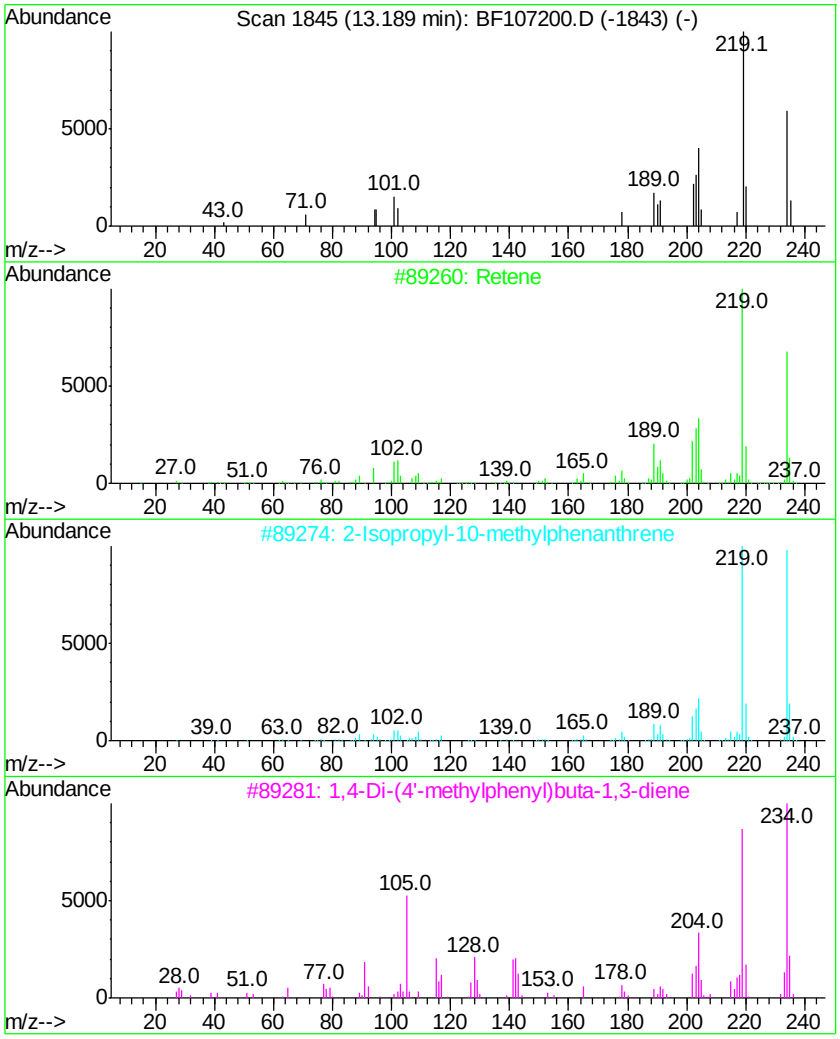
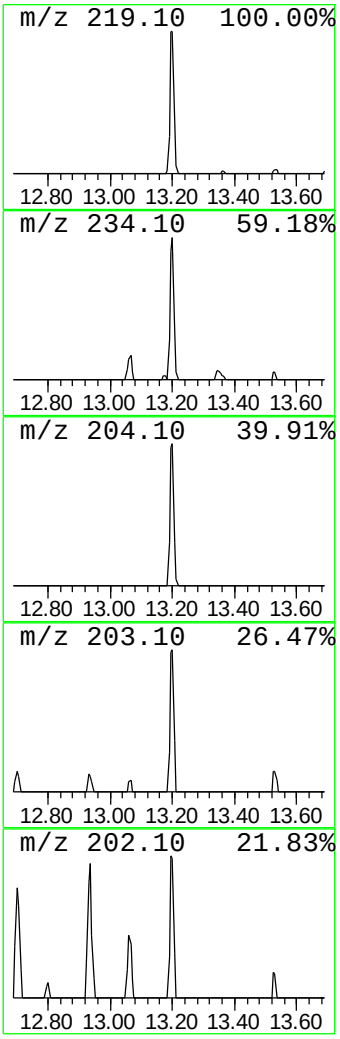
Peak Number 4 Retene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	3.11 ng	69613	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
3	1,4-Di-(4'-methylphenyl)buta-1,3...	234	C18H18	1000202-17-5	80
4	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	52
5	Benzene, 1,3-bis(1,1-dimethyleth...	234	C16H26O	001518-53-2	50





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Instrument : BNA_F
ClientSampleId : ZER-SB-03-11-72

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
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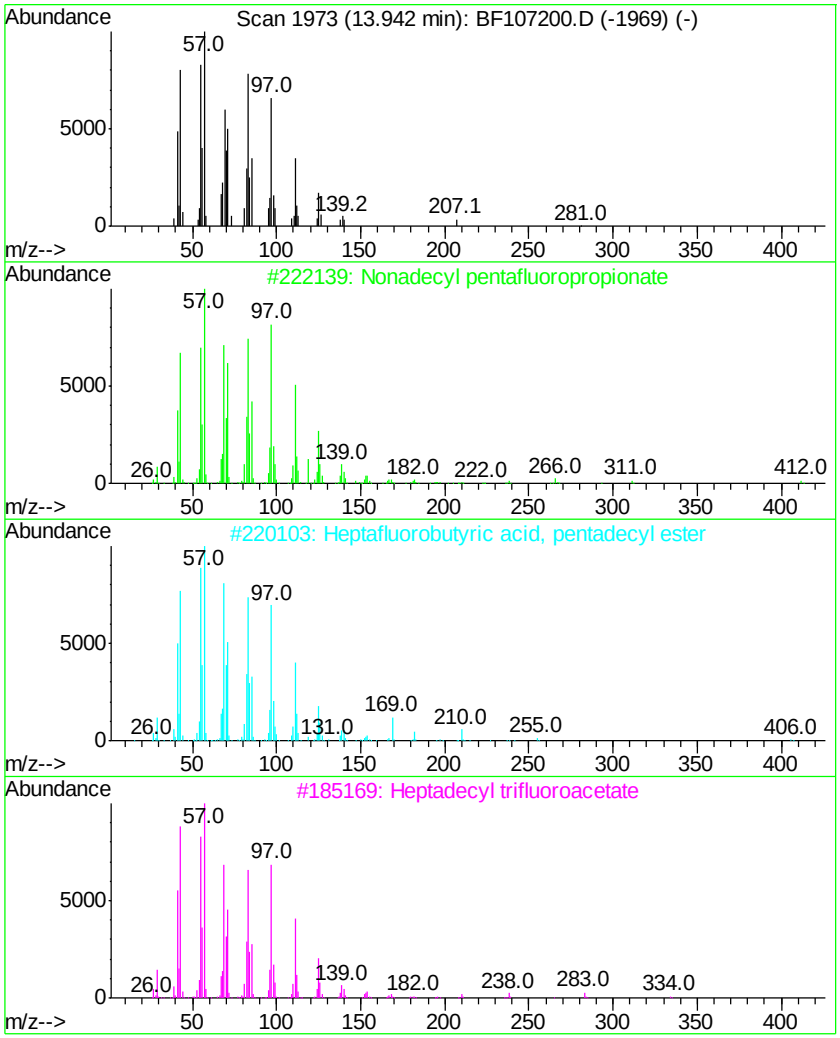
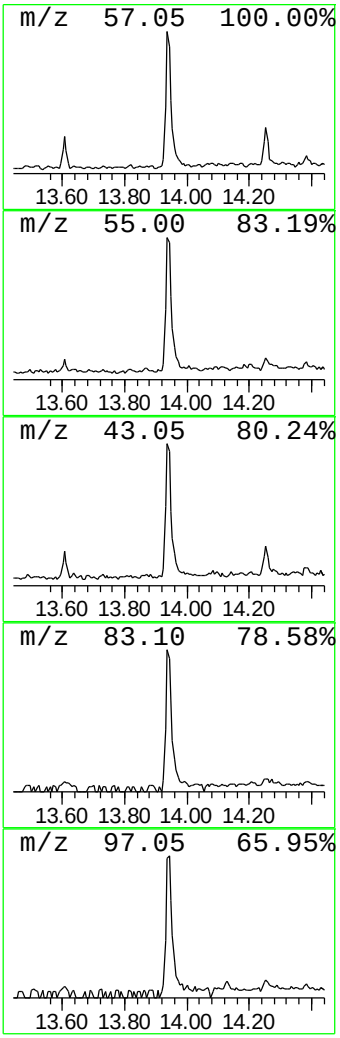
Peak Number 5 Nonadecyl pentafluoropropio... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	6.17 ng	138306	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	90
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	90
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.18	9.4	ng	162374	1	6.94	344174	20.0
unknown6.72	6.72	67.7	ng	1165150	1	6.94	344174	20.0
Retene	13.19	3.1	ng	69613	5	14.13	448087	20.0
Nonadecyl pentafl...	13.94	6.2	ng	138306	5	14.13	448087	20.0