LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
Data File : BF119002.D
Acq On : 21 Feb 2020 19:49
Operator : CG/JU
Sample : L1606-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 361

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-BF022020.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	4.969	487	490	498	rVB	25129	32355	1.19%	0.137%
2	5.381	556	560	580	rBV	2644701	2492428	91.80%	10.569%
3	6.398	728	733	749	rBV	2294984	2384934	87.84%	10.113%
4	6.757	790	794	801	rBV	847540	795910	29.32%	3.375%
5	6.910	816	820	824	rBV	2570668	2160497	79.58%	9.162%
6	7.316	884	889	892	rBV	1663405	1511794	55.68%	6.411%
7	8.034	1007	1011	1015	rBV	1122006	944368	34.78%	4.005%
8	9.110	1190	1194	1197	rBV	3202474	2715014	100.00%	11.513%
9	9.504	1257	1261	1269	rVB	170772	138092	5.09%	0.586%
10	9.786	1305	1309	1313	rBV	1163934	972459	35.82%	4.124%
11	10.575	1439	1443	1452	rBV	1814747	1551166	57.13%	6.578%
12	11.269	1557	1561	1564	rBV	1130507	940069	34.62%	3.986%
13	11.292	1564	1565	1568	rVB	129493	76222	2.81%	0.323%
14	11.798	1649	1651	1656	rBV	108388	105883	3.90%	0.449%
15	11.880	1662	1665	1668	rBV2	41711	46334	1.71%	0.196%
16	12.480	1763	1767	1771	rBV	230524	188509	6.94%	0.799%
17	12.710	1800	1806	1809	rBV	210463	210126	7.74%	0.891%
18	12.851	1826	1830	1834	rBV	2959829	2626673	96.75%	11.139%
19	13.039	1859	1862	1865	rVB	32322	34234	1.26%	0.145%
20	13.139	1875	1879	1886	rBV2	32152	38498	1.42%	0.163%
21	13.392	1919	1922	1925	rBV	68101	58397	2.15%	0.248%
22	13.757	1980	1984	1994	rBV2	205002	310866	11.45%	1.318%
23	13.904	2004	2009	2012	rBV	1142246	1166593	42.97%	4.947%
24	13.927	2012	2013	2017	rVB	115344	96214	3.54%	0.408%
25	14.074	2033	2038	2041	rBV2	81310	97530	3.59%	0.414%
26	14.327	2078	2081	2084	rBV3	29616	35328	1.30%	0.150%
27	14.374	2086	2089	2093	rBV	101808	113094	4.17%	0.480%
28	14.533	2113	2116	2119	rBV2	83848	100397	3.70%	0.426%
29	14.674	2137	2140	2143	rVB	137273	135729	5.00%	0.576%
30	14.704	2143	2145	2150	rBV3	26870	33053	1.22%	0.140%
31	14.927	2179	2183	2186	rBV	91726	133667	4.92%	0.567%
32	14.992	2191	2194	2198	rVB	117025	123815	4.56%	0.525%
33	15.215	2229	2232	2238	rVB	50170	60482	2.23%	0.256%
34	15.274	2239	2242	2246	rVV	62702	73340	2.70%	0.311%

LSC Area Percent Report

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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.333	2247	2252	2261	rVV	723685	985268	36.29%	4.178%
36	15.762	2322	2325	2332	rVB	65044	92422	3.40%	0.392%

Sum of corrected areas: 23581760

LSC Report - Integrated Chromatogram

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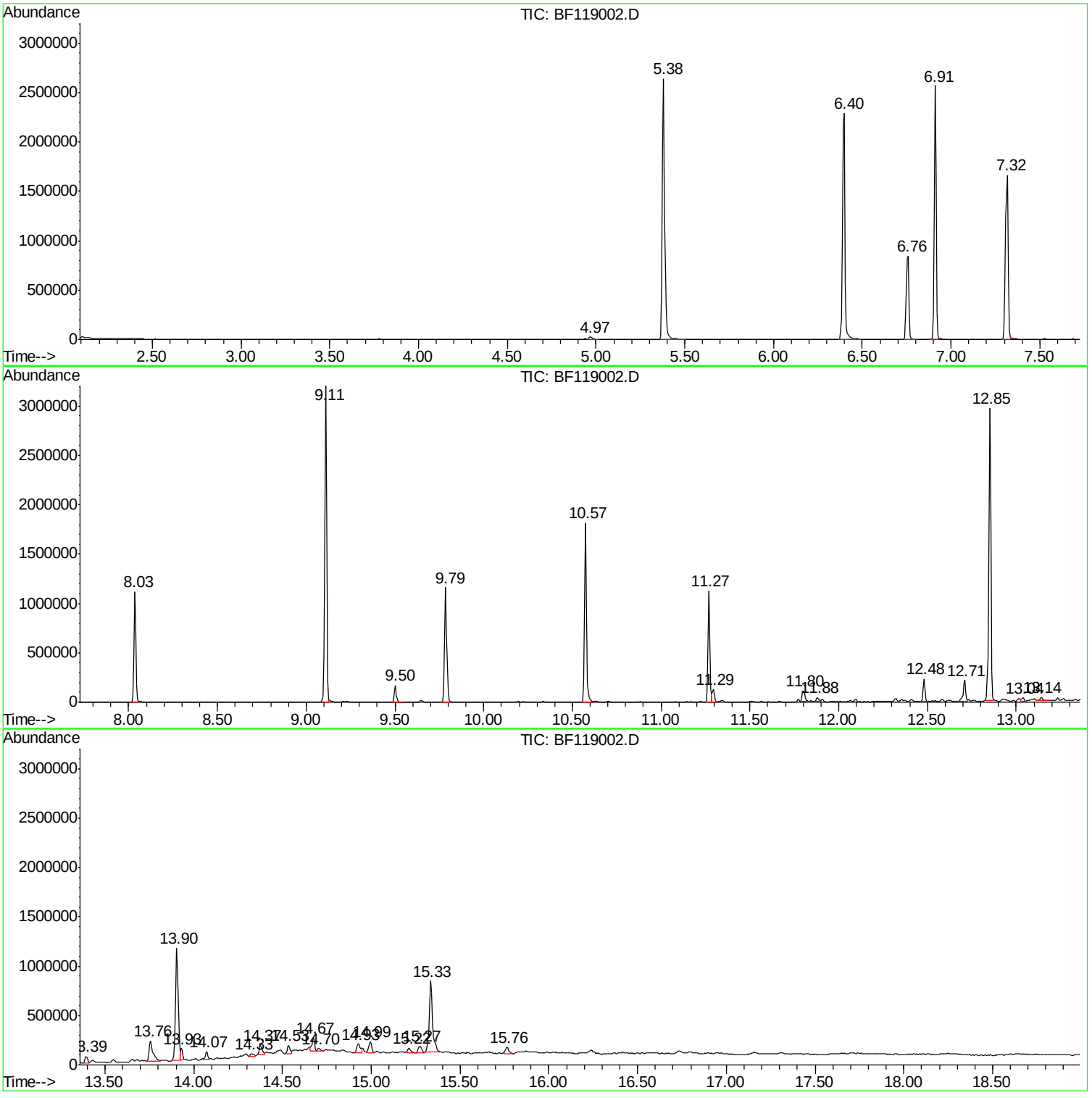
Sample : L1606-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 361

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.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
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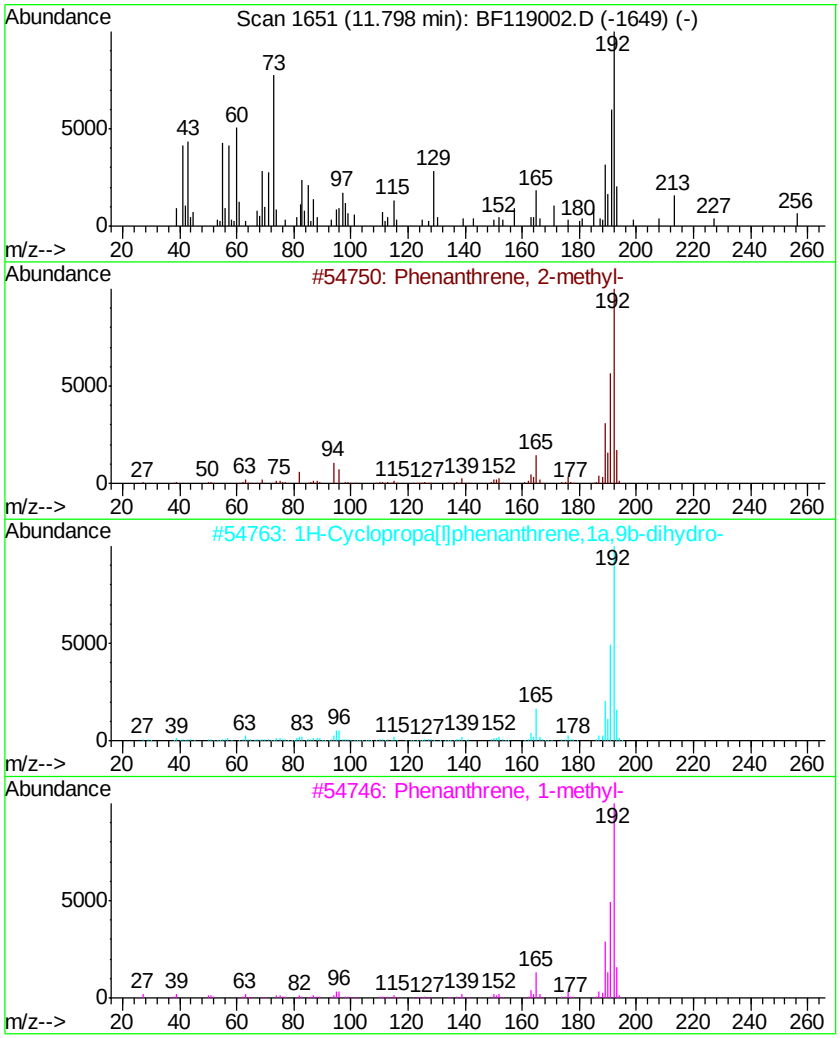
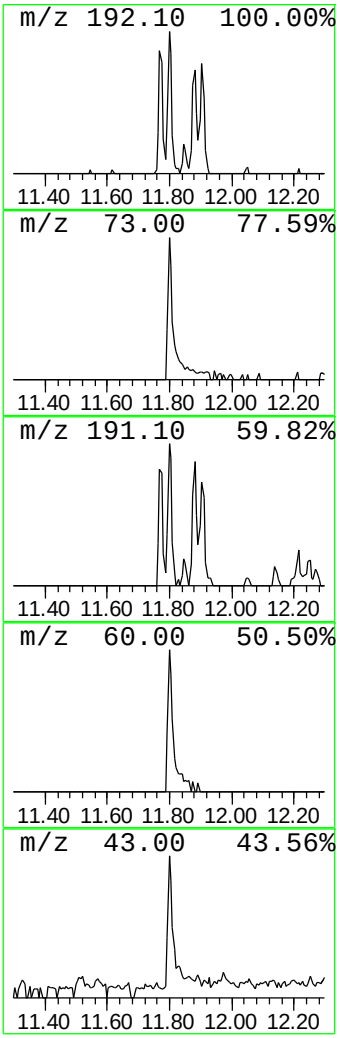
Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	2.25 ng	105883	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86





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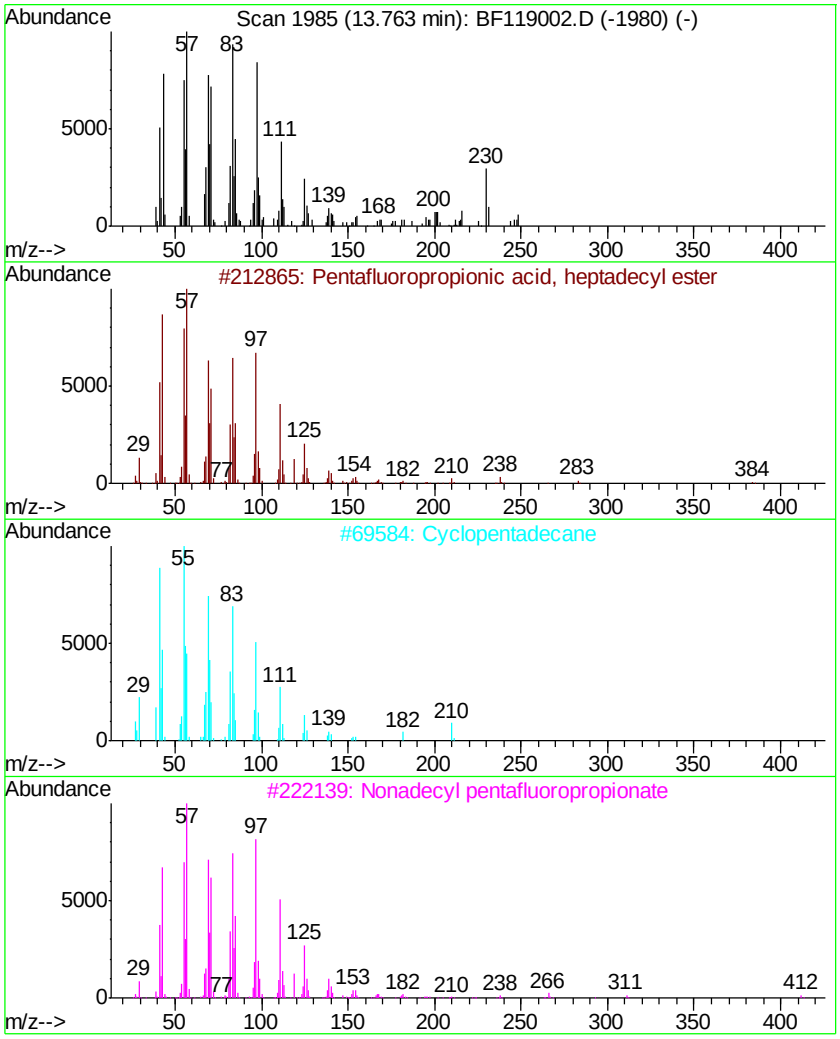
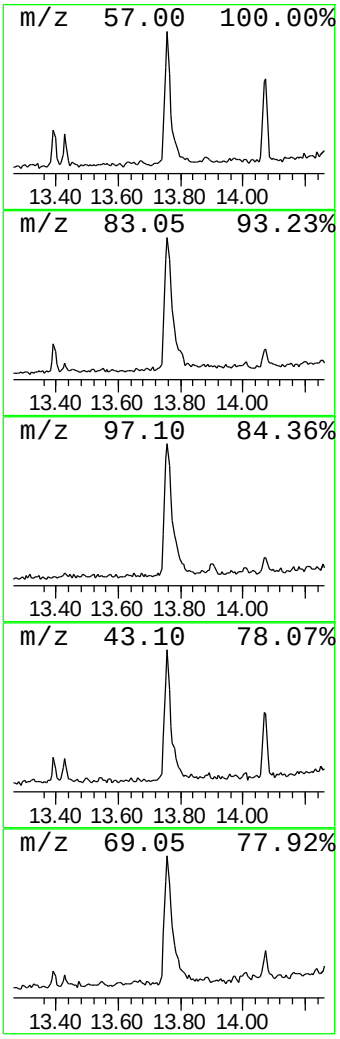
****

Peak Number 3 Pentafluoropropionic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	5.33 ng	310866	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
2	Cyclopentadecane	210	C15H30	000295-48-7	90
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	81
4	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	81
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	81





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Sample : L1606-02
Misc :
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Instrument : BNA_F
ClientSampleId : 361

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

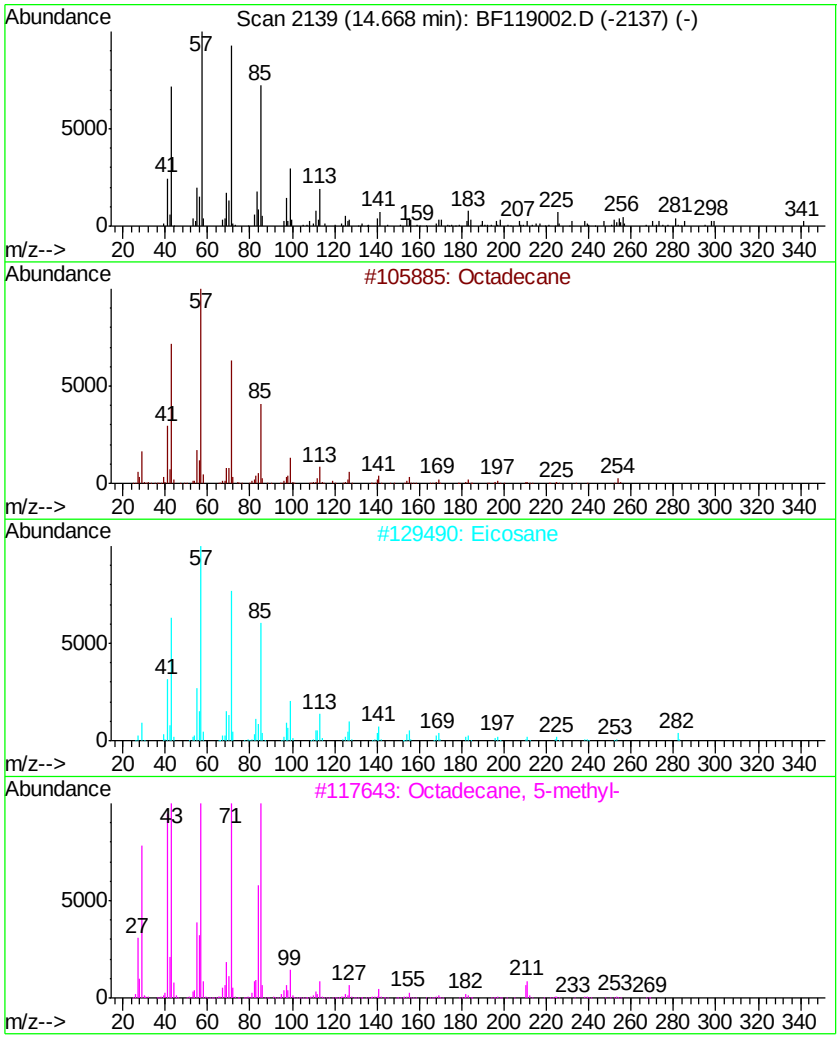
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

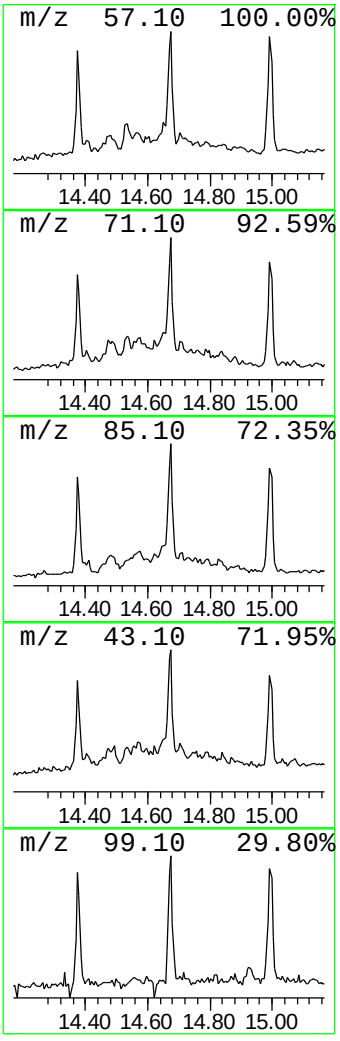
****

Peak Number 4 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	2.76 ng	135729	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	81
2	Eicosane	282	C20H42	000112-95-8	72
3	Octadecane, 5-methyl-	268	C19H40	025117-35-5	62
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	55
5	Nonane, 1-iodo-	254	C9H19I	004282-42-2	52





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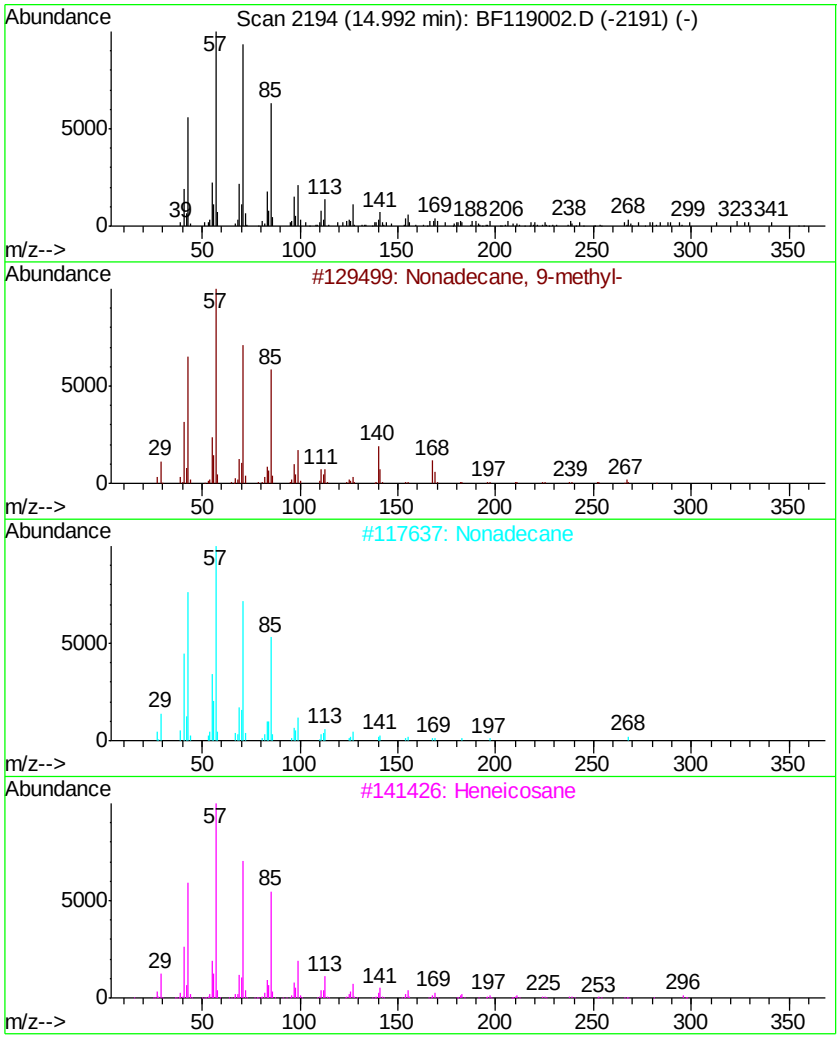
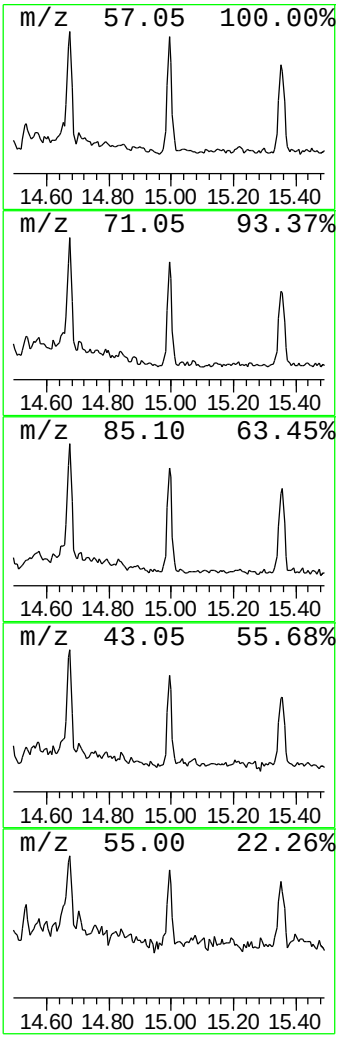
****

Peak Number 5 Nonadecane, 9-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	2.51 ng	123815	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Nonadecane, 4-methyl-	282	C20H42	025117-27-5	91





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenanthrene, 2-m...	11.80	2.3	ng	105883	4	11.27	940069	20.0
Pentafluoropropio...	13.76	5.3	ng	310866	5	13.90	1166590	20.0
Octadecane	14.67	2.8	ng	135729	6	15.33	985268	20.0
Nonadecane, 9-met...	14.99	2.5	ng	123815	6	15.33	985268	20.0