LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121794.D
Acq On : 2 Oct 2020 15:09
Operator : JU/CG
Sample : L4198-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-20

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-BF091020.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	4.987	489	493	499	rBV	45076	60969	1.79%	0.221%
2	5.387	557	561	564	rBV	2865729	2695329	79.15%	9.791%
3	6.404	729	734	746	rBV	2831151	2845195	83.55%	10.335%
4	6.598	763	767	777	rBV	36108	45370	1.33%	0.165%
5	6.763	791	795	798	rBV	913840	817718	24.01%	2.970%
6	7.328	885	891	894	rBV	2027840	1970083	57.85%	7.156%
7	8.045	1008	1013	1016	rBV	1176951	1078022	31.66%	3.916%
8	9.122	1190	1196	1199	rBV	3621152	3405268	100.00%	12.370%
9	9.516	1259	1263	1270	rVB	332900	282959	8.31%	1.028%
10	9.798	1306	1311	1314	rBV	1413775	1207202	35.45%	4.385%
11	10.586	1440	1445	1448	rBV	2269679	1995654	58.60%	7.249%
12	11.280	1559	1563	1566	rBV	1394318	1203045	35.33%	4.370%
13	11.304	1566	1567	1571	rVV	216071	122853	3.61%	0.446%
14	11.357	1573	1576	1579	rVB	62750	54370	1.60%	0.198%
15	11.510	1597	1602	1608	rBV2	36316	55039	1.62%	0.200%
16	11.780	1645	1648	1650	rBV	42825	35305	1.04%	0.128%
17	11.810	1650	1653	1657	rVV	80309	70095	2.06%	0.255%
18	11.892	1664	1667	1670	rBV2	50946	60822	1.79%	0.221%
19	12.104	1701	1703	1707	rVB	45742	37205	1.09%	0.135%
20	12.333	1735	1742	1744	rBV	38079	48894	1.44%	0.178%
21	12.416	1753	1756	1759	rVB	42409	37302	1.10%	0.136%
22	12.492	1765	1769	1772	rBV	442034	356422	10.47%	1.295%
23	12.722	1801	1808	1810	rBV	347069	356185	10.46%	1.294%
24	12.769	1814	1816	1821	rVB3	32619	40536	1.19%	0.147%
25	12.869	1824	1833	1836	rBV	3226396	3008582	88.35%	10.929%
26	12.939	1841	1845	1849	rBV3	43688	63370	1.86%	0.230%
27	13.027	1857	1860	1862	rBV4	43591	62911	1.85%	0.229%
28	13.092	1867	1871	1874	rBV2	44070	65146	1.91%	0.237%
29	13.151	1877	1881	1885	rVV2	58776	63836	1.87%	0.232%
30	13.245	1894	1897	1900	rBV	51724	41301	1.21%	0.150%
31	13.439	1926	1930	1932	rBV3	44994	47240	1.39%	0.172%
32	13.557	1947	1950	1954	rVB	73189	74140	2.18%	0.269%
33	13.663	1963	1968	1971	rBV2	49383	72892	2.14%	0.265%
34	13.769	1982	1986	1996	rVB2	437992	588988	17.30%	2.140%

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.916	2004	2011	2014	rBV2	952588	1148216	33.72%	4.171%
36	13.939	2014	2015	2024	rVB	202264	198287	5.82%	0.720%
37	14.080	2037	2039	2042	rBV	50916	50275	1.48%	0.183%
38	14.304	2075	2077	2080	rVB	62731	50258	1.48%	0.183%
39	14.339	2080	2083	2087	rBV2	46862	56260	1.65%	0.204%
40	14.386	2087	2091	2093	rBV2	87162	99286	2.92%	0.361%
41	14.498	2108	2110	2115	rBV2	25626	37179	1.09%	0.135%
42	14.610	2124	2129	2131	rBV6	25081	39979	1.17%	0.145%
43	14.686	2140	2142	2145	rVB2	71371	64107	1.88%	0.233%
44	14.939	2181	2185	2188	rBV	371787	484849	14.24%	1.761%
45	15.010	2194	2197	2200	rVB2	72839	73207	2.15%	0.266%
46	15.045	2200	2203	2213	rVB2	53153	94325	2.77%	0.343%
47	15.233	2231	2235	2241	rVB	256947	304981	8.96%	1.108%
48	15.292	2241	2245	2250	rVB	182641	221620	6.51%	0.805%
49	15.351	2250	2255	2267	rBV	625185	950594	27.92%	3.453%
50	15.786	2326	2329	2334	rVB	42151	54532	1.60%	0.198%
51	15.857	2337	2341	2346	rBV4	63634	128412	3.77%	0.466%
52	16.757	2489	2494	2502	rBV2	140999	252419	7.41%	0.917%
53	17.180	2560	2566	2576	rVB	122940	249844	7.34%	0.908%

Sum of corrected areas: 27528878

LSC Report - Integrated Chromatogram

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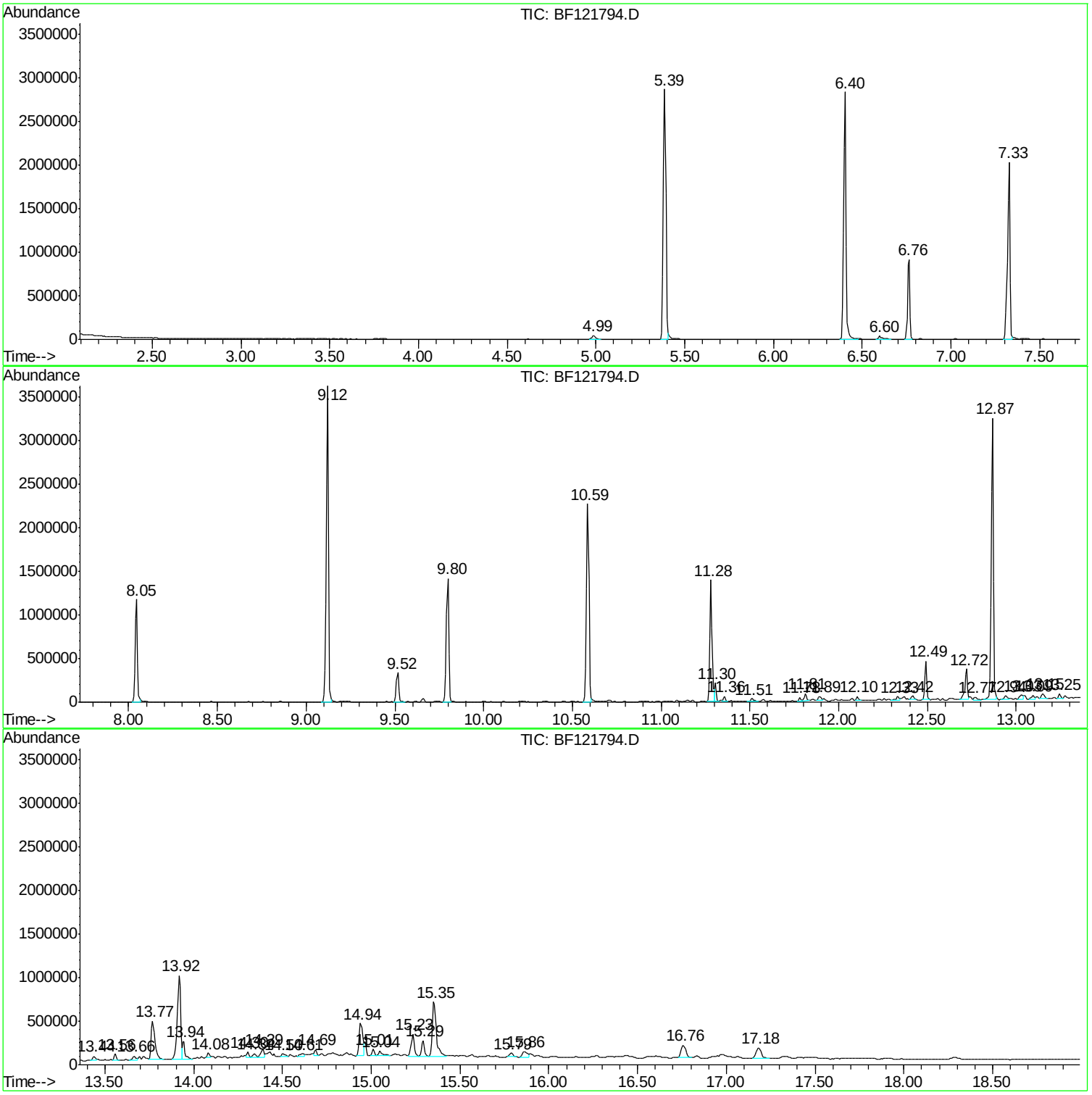
Sample : L4198-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121794.D
Acq On : 2 Oct 2020 15:09
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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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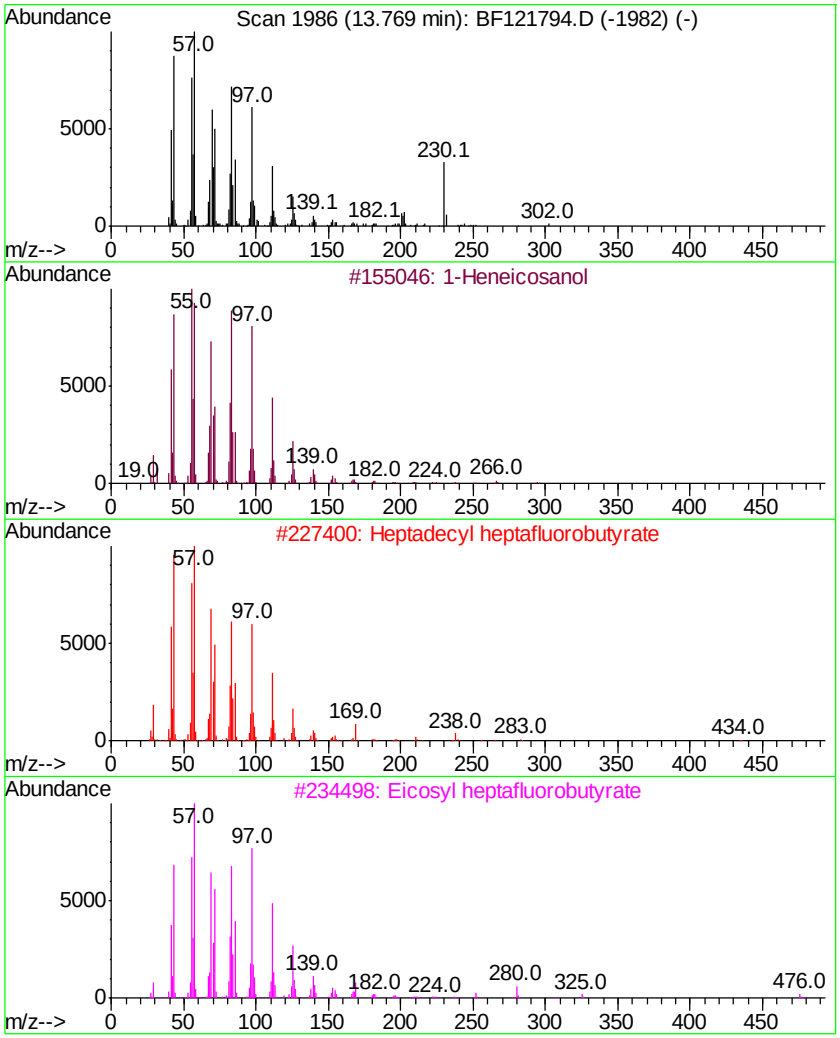
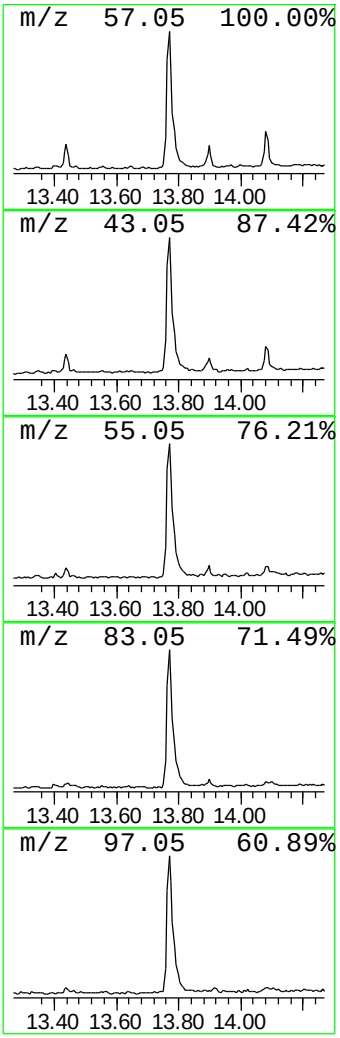
Peak Number 1 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	10.26 ng	588988	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	92
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
3	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	90
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	90
5	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	90





Library Search Compound Report

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Data File : BF121794.D
Acq On : 2 Oct 2020 15:09
Operator : JU/CG
Sample : L4198-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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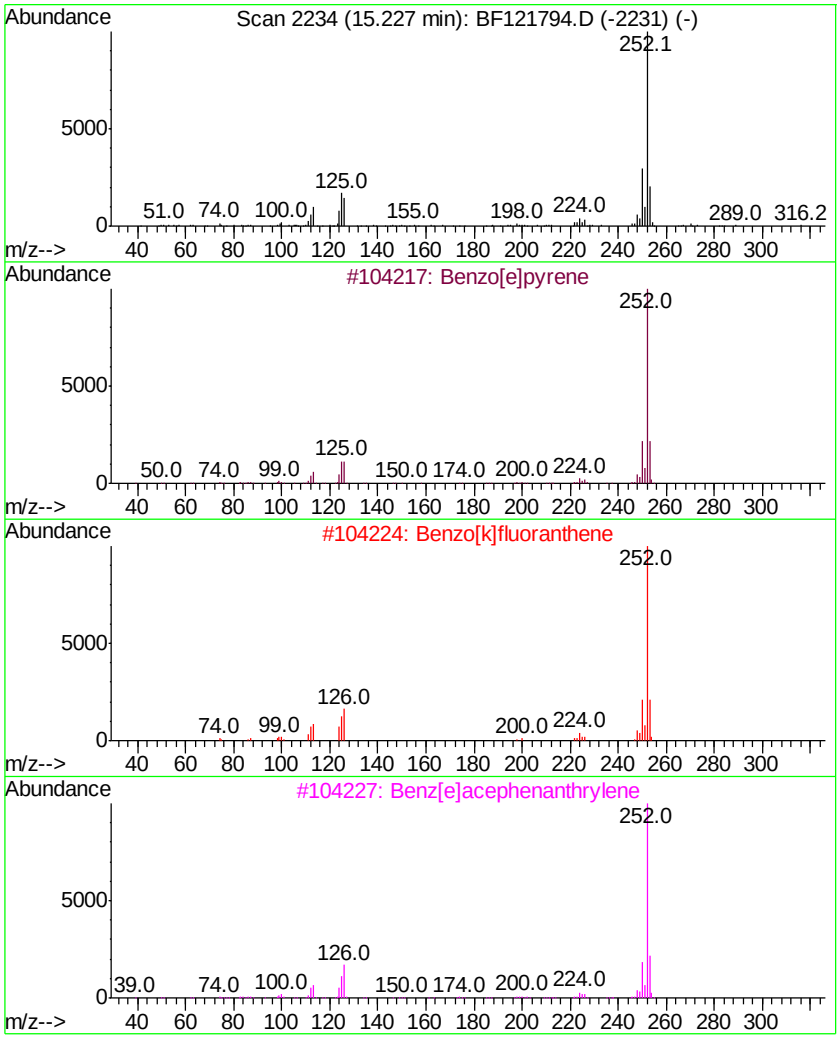
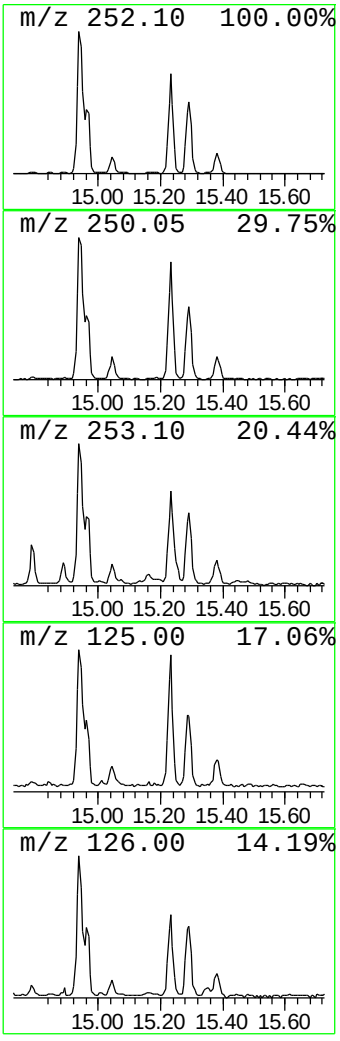
Peak Number 2 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	6.42 ng	304981	Perylene-d12	15.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
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Operator : JU/CG
Sample : L4198-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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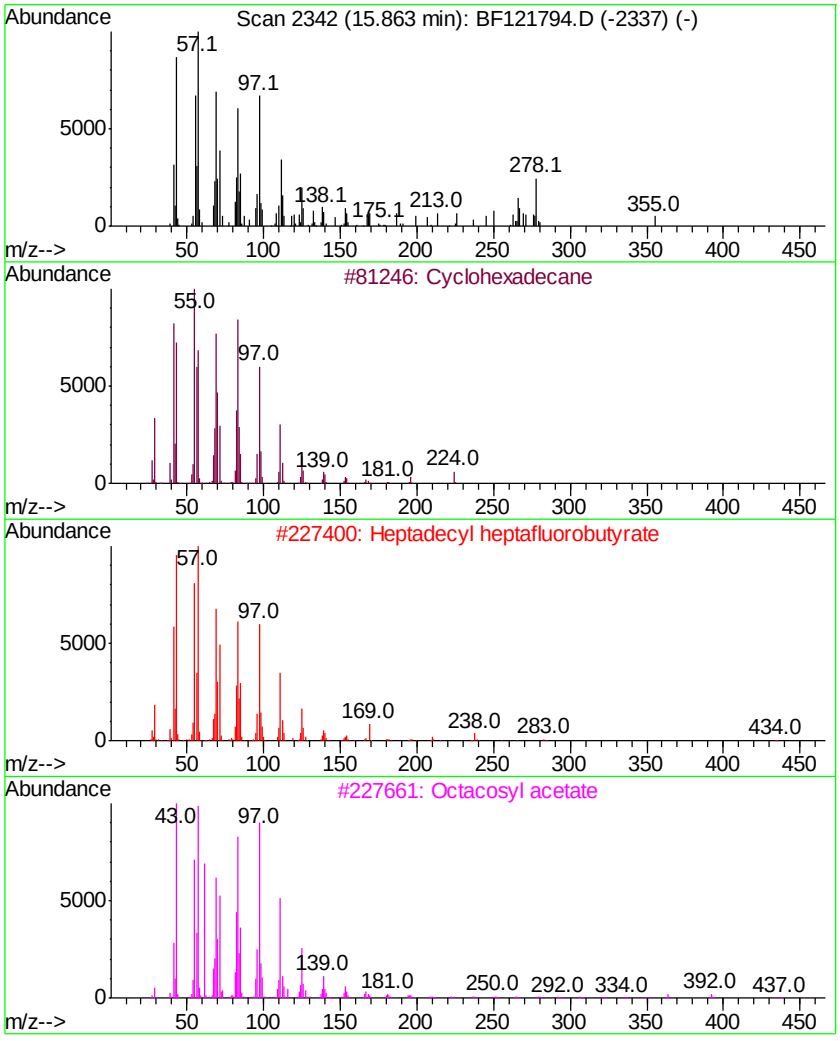
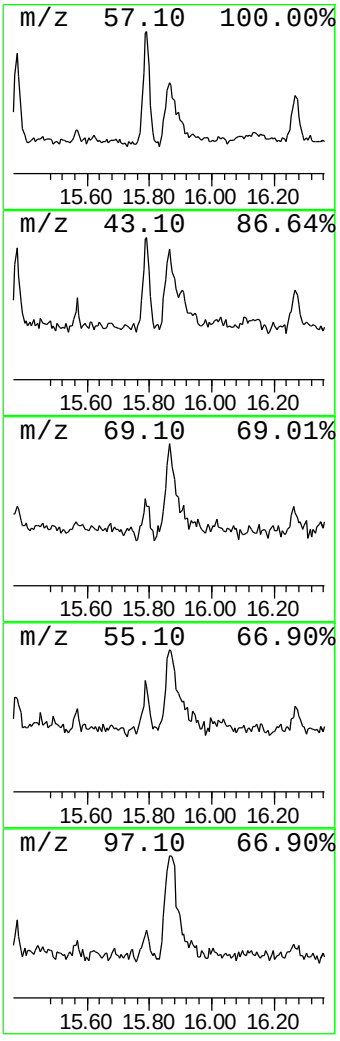
Peak Number 3 Cyclohexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	2.70 ng	128412	Perylene-d12	15.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	92
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
3	Octacosyl acetate	452	C30H60O2	018206-97-8	90
4	Octacosanol	410	C28H58O	000557-61-9	90
5	Z-5-Nonadecene	266	C19H38	1000131-11-8	83





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
1-Heneicosanol	13.77	10.3	ng	588988	5	13.92	1148220	20.0
Benzo[e]pyrene	15.23	6.4	ng	304981	6	15.35	950594	20.0
Cyclohexadecane	15.86	2.7	ng	128412	6	15.35	950594	20.0