LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041019\
Data File : BF113712.D
Acq On : 10 Apr 2019 22:51
Operator : JU/SJ
Sample : K2342-07 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-D

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-BF040319.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	5.298	542	546	572	rBV	350662	589169	50.56%	5.028%
2	6.334	719	722	739	rBV	370976	630723	54.12%	5.383%
3	6.451	739	742	757	rVB	594783	658182	56.48%	5.617%
4	6.675	777	780	792	rBV	679947	665948	57.14%	5.683%
5	6.834	803	807	823	rBV	472242	457626	39.27%	3.906%
6	7.245	874	877	894	rBV	234421	342861	29.42%	2.926%
7	7.963	995	999	1021	rBV	732540	848286	72.79%	7.240%
8	9.034	1178	1181	1194	rBV	447739	481912	41.35%	4.113%
9	9.434	1246	1249	1257	rBV	30649	38158	3.27%	0.326%
10	9.710	1292	1296	1314	rBV	813240	804183	69.01%	6.863%
11	10.504	1428	1431	1441	rBV	279633	333818	28.64%	2.849%
12	11.192	1544	1548	1551	rBV	850523	799589	68.61%	6.824%
13	11.275	1559	1562	1565	rVB	16708	17867	1.53%	0.152%
14	11.698	1630	1634	1636	rBV	18721	18401	1.58%	0.157%
15	11.727	1636	1639	1645	rVV	64565	79530	6.82%	0.679%
16	11.804	1649	1652	1655	rVV	30736	39020	3.35%	0.333%
17	11.827	1655	1656	1662	rVB	17824	17756	1.52%	0.152%
18	11.992	1679	1684	1689	rBV	16519	20588	1.77%	0.176%
19	12.245	1723	1727	1729	rBV	21548	20758	1.78%	0.177%
20	12.280	1729	1733	1735	rVV3	14435	16048	1.38%	0.137%
21	12.333	1738	1742	1750	rVB3	13978	23966	2.06%	0.205%
22	12.404	1750	1754	1759	rBV	335384	325242	27.91%	2.776%
23	12.516	1769	1773	1777	rBV6	12801	18854	1.62%	0.161%
24	12.557	1777	1780	1782	rVV	16264	14272	1.22%	0.122%
25	12.627	1787	1792	1799	rVV	296362	377966	32.43%	3.226%
26	12.686	1799	1802	1807	rVB2	18499	24867	2.13%	0.212%
27	12.769	1809	1816	1825	rBV	532320	508265	43.61%	4.338%
28	12.851	1826	1830	1838	rVV2	25415	42030	3.61%	0.359%
29	12.963	1846	1849	1853	rVB2	41593	45684	3.92%	0.390%
30	13.004	1853	1856	1858	rBV3	14767	16201	1.39%	0.138%
31	13.027	1858	1860	1862	rVV	30030	23308	2.00%	0.199%
32	13.063	1862	1866	1872	rVV3	39387	55422	4.76%	0.473%
33	13.157	1879	1882	1885	rBV	22901	24251	2.08%	0.207%
34	13.192	1885	1888	1891	rVV4	20158	20465	1.76%	0.175%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K2342-07 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-D

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-BF040319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.345	1910	1914	1916	rBV4	21270	25653	2.20%	0.219%
36	13.480	1934	1937	1939	rBV	20772	21929	1.88%	0.187%
37	13.580	1951	1954	1956	rBV2	32724	36177	3.10%	0.309%
38	13.633	1960	1963	1964	rBV	26399	27464	2.36%	0.234%
39	13.827	1991	1996	1999	rBV2	992059	1165385	100.00%	9.946%
40	13.851	1999	2000	2008	rVB	226417	173713	14.91%	1.483%
41	13.933	2012	2014	2018	rVB	27309	24714	2.12%	0.211%
42	13.986	2021	2023	2028	rVV3	39927	39242	3.37%	0.335%
43	14.216	2060	2062	2066	rBV2	40561	38462	3.30%	0.328%
44	14.292	2072	2075	2082	rBV4	69479	81076	6.96%	0.692%
45	14.586	2122	2125	2129	rVB	80016	81143	6.96%	0.693%
46	14.839	2165	2168	2171	rBV	159901	221527	19.01%	1.891%
47	14.892	2175	2177	2182	rVB2	101155	102154	8.77%	0.872%
48	15.121	2213	2216	2221	rVB	94233	103668	8.90%	0.885%
49	15.180	2223	2226	2230	rVB	132080	139833	12.00%	1.193%
50	15.233	2231	2235	2249	rVV	570614	809642	69.47%	6.910%
51	15.633	2300	2303	2309	rVB	67109	88690	7.61%	0.757%
52	16.610	2466	2469	2476	rVB2	78182	135709	11.64%	1.158%

Sum of corrected areas: 11717397

LSC Report - Integrated Chromatogram

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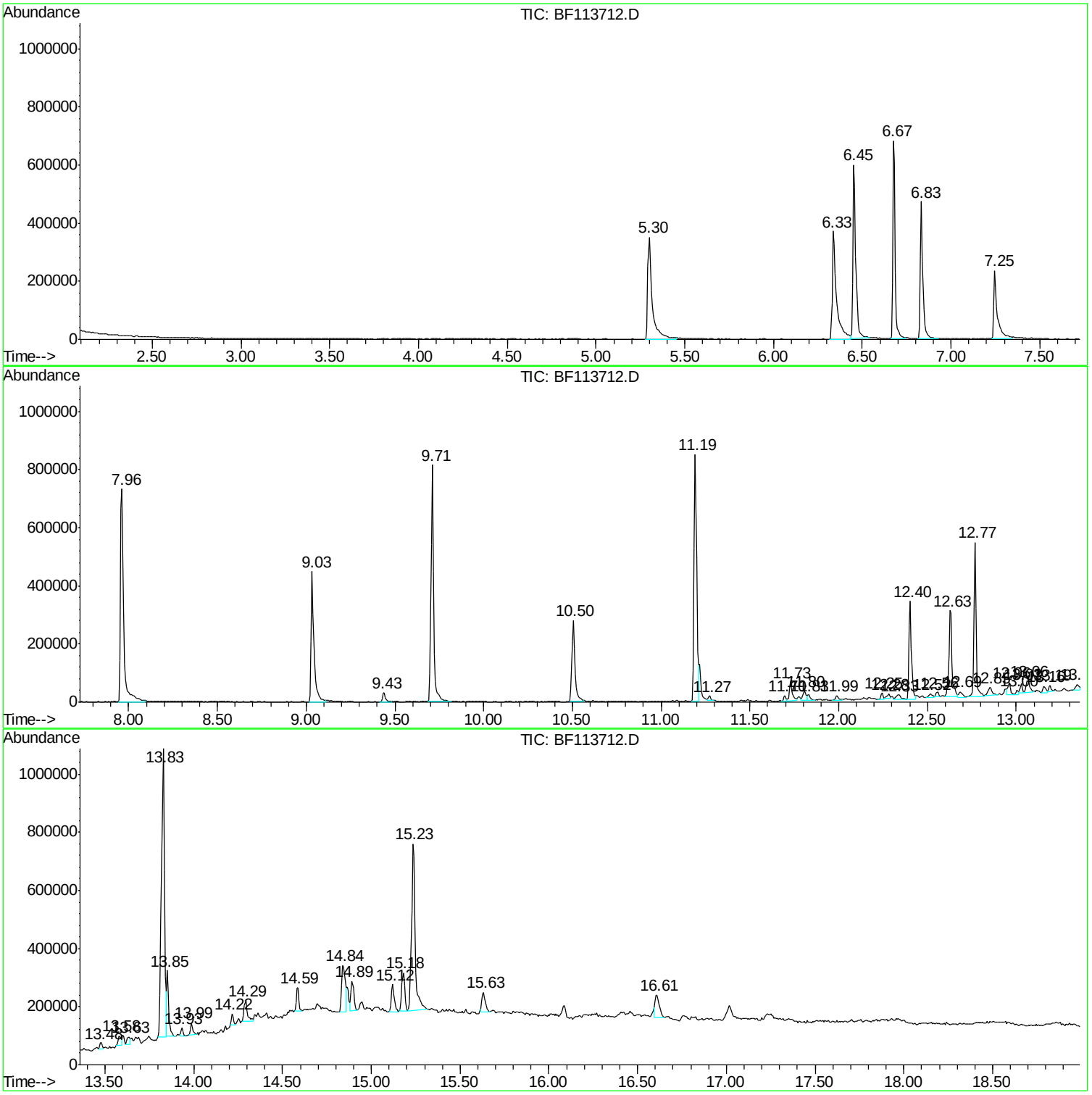
Acq On : 10 Apr 2019 22:51
Operator : JU/SJ
Sample : K2342-07 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-11-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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\BF041019\
Data File : BF113712.D
Acq On : 10 Apr 2019 22:51
Operator : JU/SJ
Sample : K2342-07 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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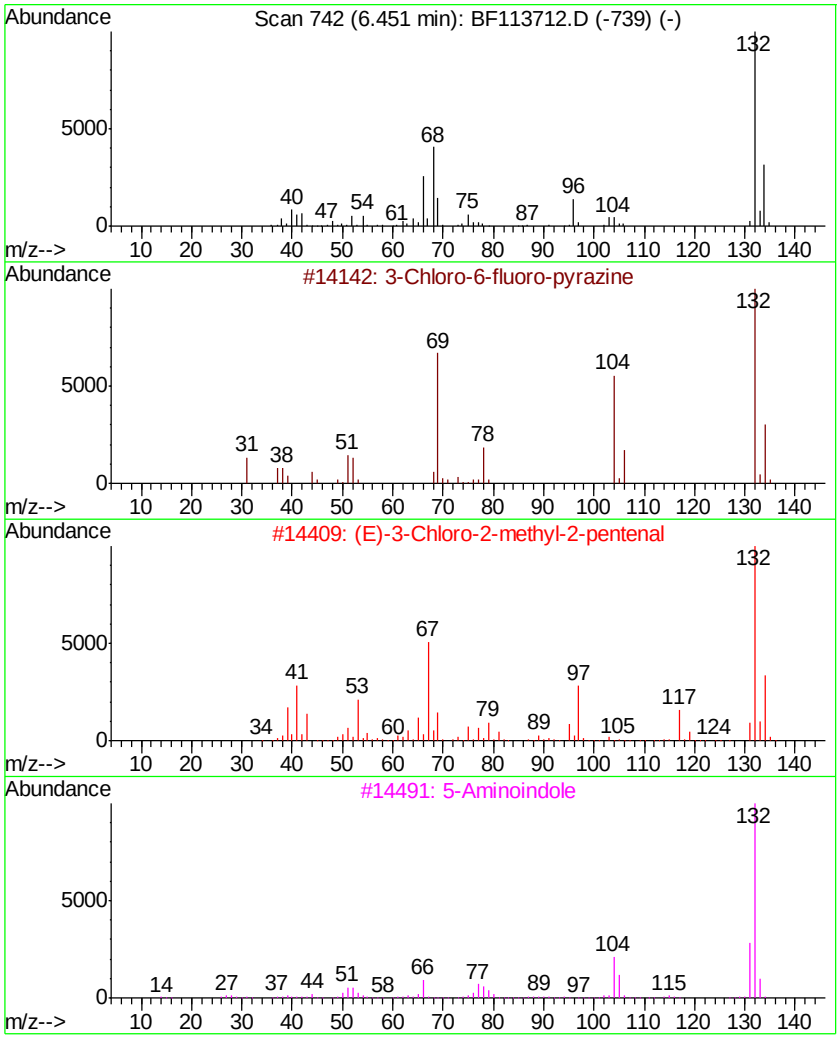
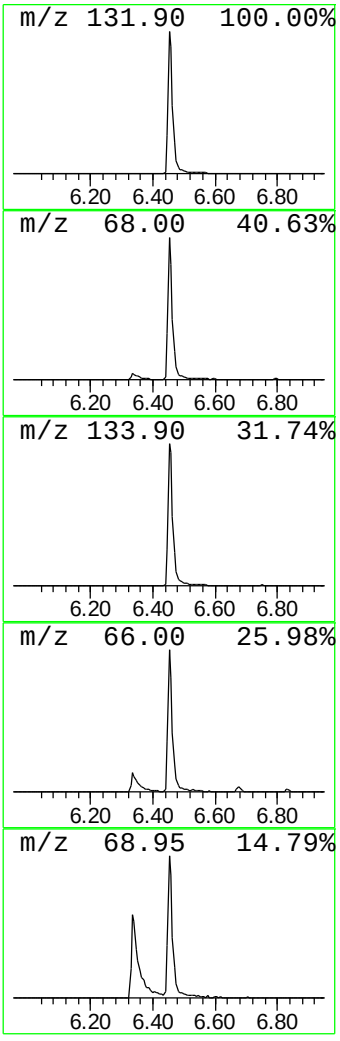
Peak Number 1 unknown6.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	19.77 ng	658182	1,4-Dichlorobenzene-d4	6.67

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	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Amphetaminil	250	C17H18N2	017590-01-1	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





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Operator : JU/SJ
Sample : K2342-07 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-11-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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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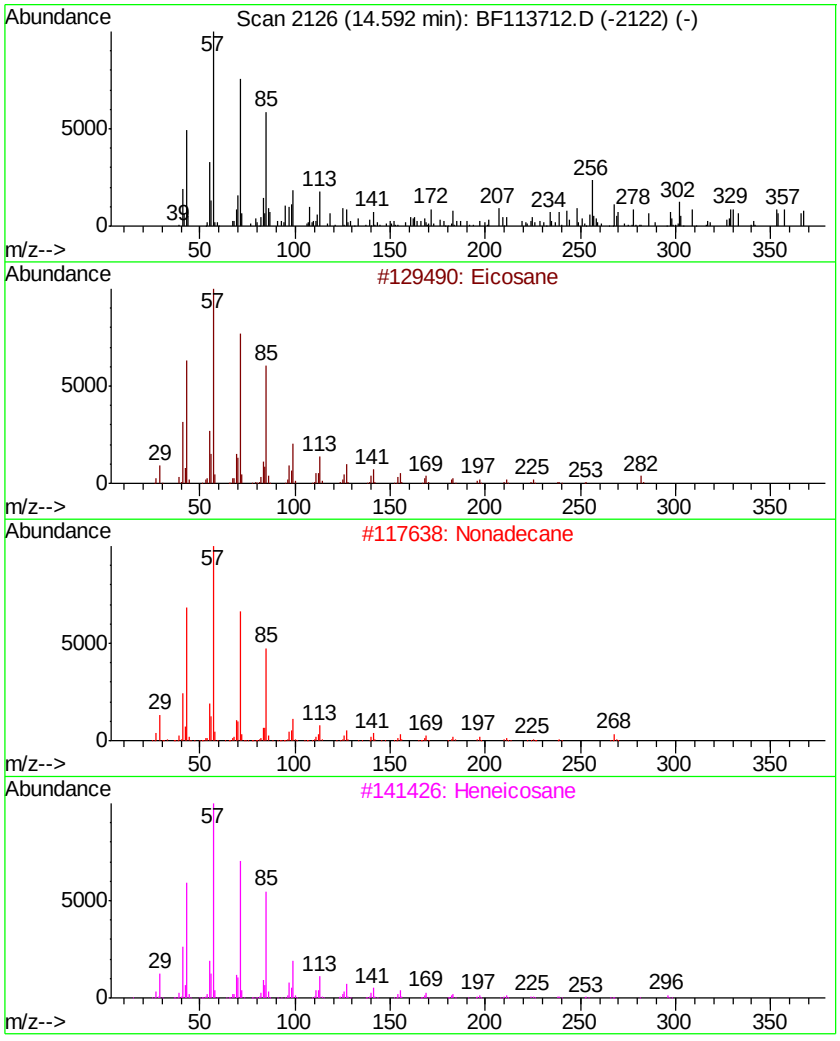
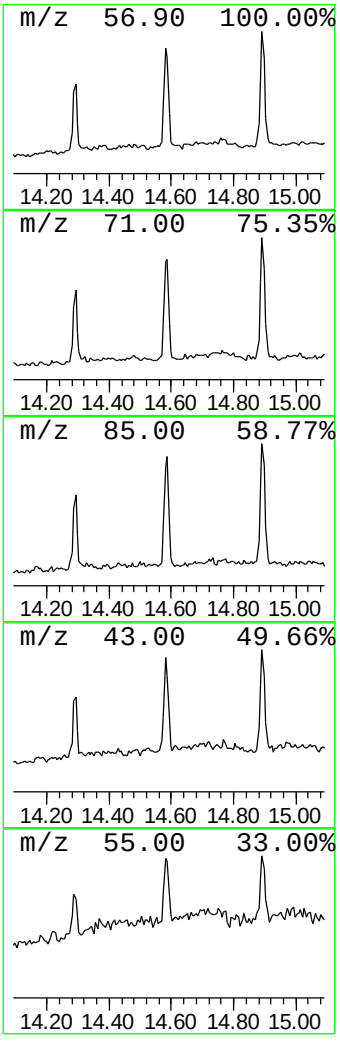
Peak Number 3 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	2.00 ng	81143	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Octadecane	254	C18H38	000593-45-3	86
5	2-methyloctacosane	408	C29H60	1000376-72-8	86





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

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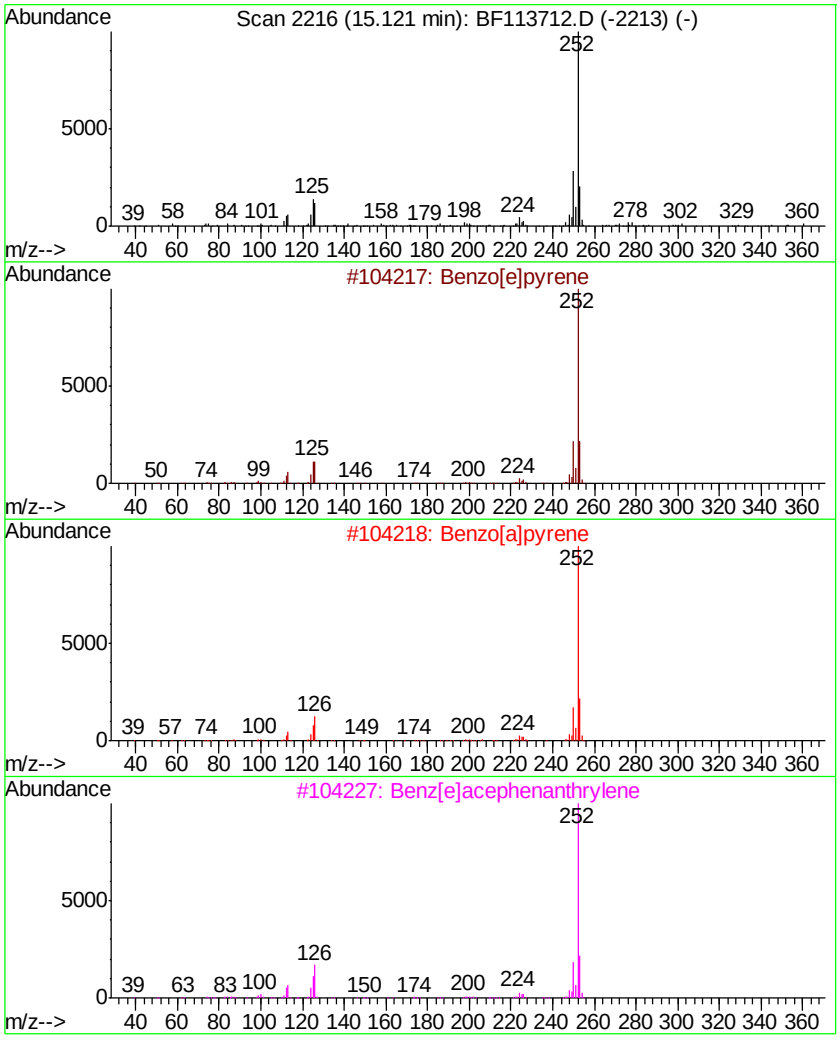
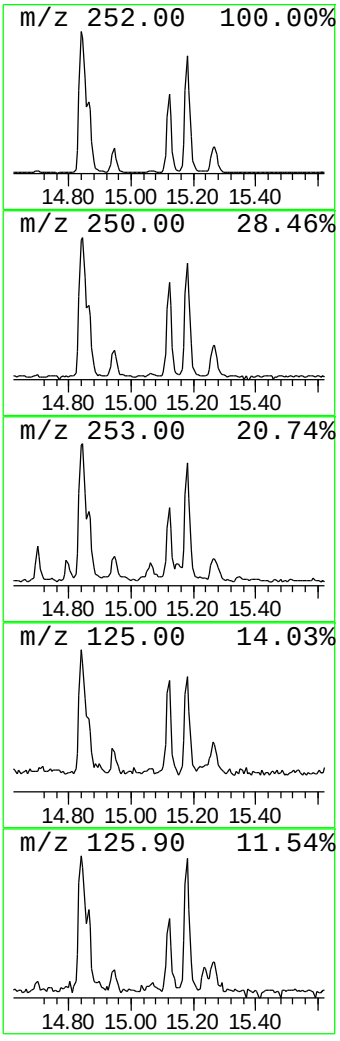
Peak Number 4 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	2.56 ng	103668	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94





Library Search Compound Report

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

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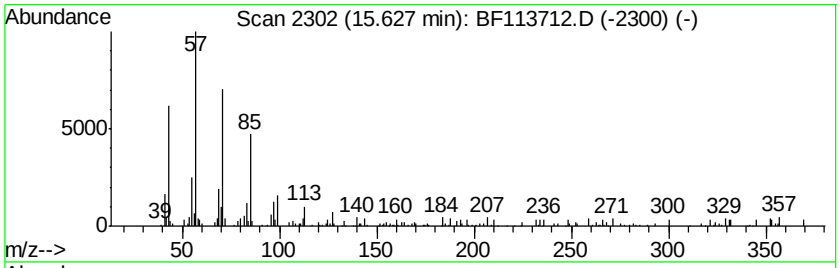
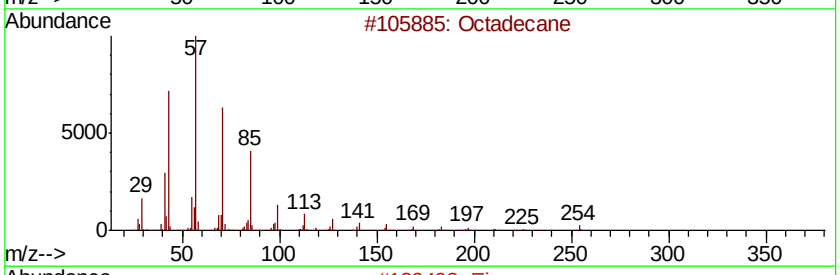
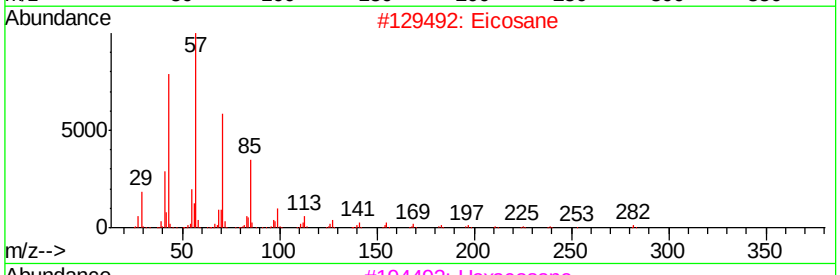
Peak Number 5 Octadecane Concentration Rank 4

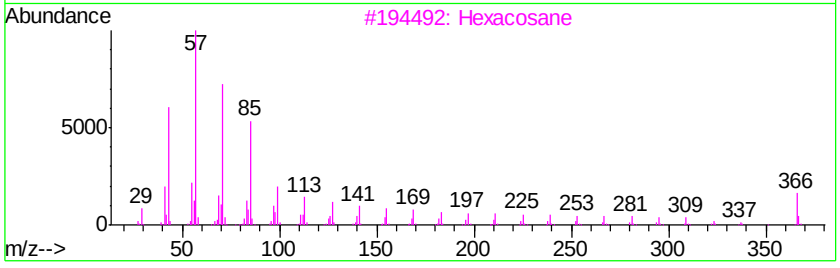
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	2.19 ng	88690	Perylene-d12	15.23

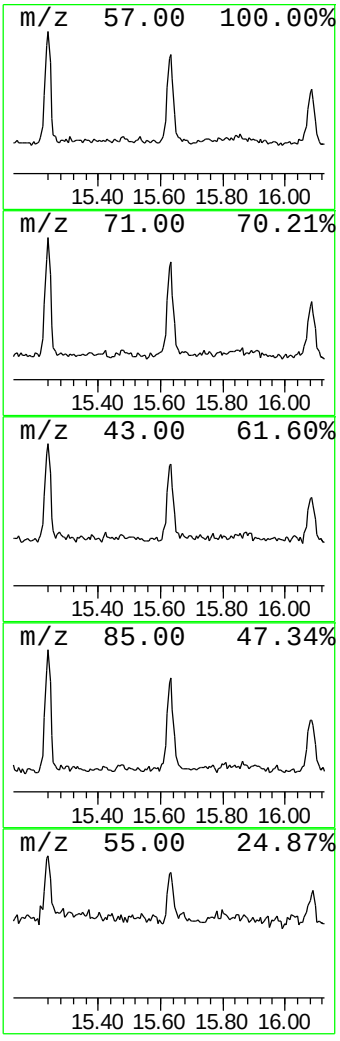
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	83
2	Eicosane	282	C20H42	000112-95-8	64
3	Hexacosane	366	C26H54	000630-01-3	64
4	Nonadecane	268	C19H40	000629-92-5	58
5	Nonane, 1-iodo-	254	C9H19I	004282-42-2	58











Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041019\
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Misc :
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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
unknown6.45	6.45	19.8	ng	658182	1	6.67	665948	20.0
Eicosane	14.59	2.0	ng	81143	6	15.23	809642	20.0
Benzo[e]pyrene	15.12	2.6	ng	103668	6	15.23	809642	20.0
Octadecane	15.63	2.2	ng	88690	6	15.23	809642	20.0