LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081420\
Data File : BF121296.D
Acq On : 14 Aug 2020 20:54
Operator : JU/CG
Sample : L3502-06 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-081320

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-BF081320.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	4.869	471	473	483	rBV	16721	18838	1.20%	0.149%
2	5.298	543	546	557	rBV	968585	925838	58.82%	7.314%
3	6.340	719	723	736	rBV	1158178	946497	60.13%	7.477%
4	6.704	781	785	788	rBV	663049	510067	32.41%	4.029%
5	7.269	877	881	884	rBV	731652	645604	41.02%	5.100%
6	7.987	1000	1003	1007	rBV	872116	688853	43.76%	5.442%
7	9.063	1183	1186	1190	rBV	1621341	1308930	83.16%	10.340%
8	9.463	1250	1254	1257	rBV	94133	82657	5.25%	0.653%
9	9.739	1298	1301	1305	rVB	1000994	806678	51.25%	6.372%
10	10.528	1431	1435	1443	rBV	966451	801592	50.93%	6.332%
11	10.651	1453	1456	1464	rVB	36433	43236	2.75%	0.342%
12	11.098	1529	1532	1534	rBV	40571	30452	1.93%	0.241%
13	11.127	1534	1537	1543	rVB2	20798	23216	1.47%	0.183%
14	11.222	1550	1553	1556	rBV	1059788	894966	56.86%	7.070%
15	11.245	1556	1557	1560	rVB	81586	49024	3.11%	0.387%
16	11.527	1601	1605	1607	rBV	38175	33924	2.16%	0.268%
17	11.627	1619	1622	1628	rVB2	22041	24960	1.59%	0.197%
18	11.727	1636	1639	1641	rBV2	19817	18232	1.16%	0.144%
19	11.751	1641	1643	1647	rVB	26375	25310	1.61%	0.200%
20	11.833	1654	1657	1660	rBV	36314	37504	2.38%	0.296%
21	11.933	1671	1674	1676	rBV	44374	38277	2.43%	0.302%
22	12.198	1717	1719	1728	rVB3	14959	31212	1.98%	0.247%
23	12.274	1728	1732	1734	rBV	40720	38946	2.47%	0.308%
24	12.310	1734	1738	1740	rVV4	97021	131076	8.33%	1.035%
25	12.363	1744	1747	1750	rVV4	19161	24684	1.57%	0.195%
26	12.433	1754	1759	1762	rVV	150530	141147	8.97%	1.115%
27	12.480	1765	1767	1773	rVB7	14324	19552	1.24%	0.154%
28	12.657	1792	1797	1800	rBV	133009	139256	8.85%	1.100%
29	12.686	1800	1802	1805	rVB2	59403	52608	3.34%	0.416%
30	12.722	1805	1808	1811	rVB2	21187	19940	1.27%	0.158%
31	12.774	1814	1817	1819	rBV3	16939	18665	1.19%	0.147%
32	12.810	1819	1823	1826	rBV	1644640	1573995	100.00%	12.434%
33	12.880	1832	1835	1839	rBV5	18669	27123	1.72%	0.214%
34	12.986	1851	1853	1856	rVB2	34796	35507	2.26%	0.280%

LSC Area Percent Report

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-081320

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-BF081320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.045	1860	1863	1867	rVV2	71369	72519	4.61%	0.573%
36	13.092	1868	1871	1875	rBV3	30807	38714	2.46%	0.306%
37	13.251	1895	1898	1902	rVB5	19754	23244	1.48%	0.184%
38	13.386	1918	1921	1924	rBV	62833	58644	3.73%	0.463%
39	13.716	1974	1977	1986	rBV3	126667	221506	14.07%	1.750%
40	13.857	1996	2001	2004	rBV	960023	867295	55.10%	6.851%
41	14.033	2028	2031	2036	rVB3	63347	63660	4.04%	0.503%
42	14.333	2080	2082	2085	rVB	66723	55429	3.52%	0.438%
43	14.633	2130	2133	2135	rBV	66446	61369	3.90%	0.485%
44	14.868	2170	2173	2180	rVB	71903	122281	7.77%	0.966%
45	14.951	2184	2187	2193	rVB2	71152	85011	5.40%	0.672%
46	15.210	2229	2231	2236	rVB	50152	49372	3.14%	0.390%
47	15.268	2237	2241	2245	rBV	615259	731762	46.49%	5.780%

Sum of corrected areas: 12659172

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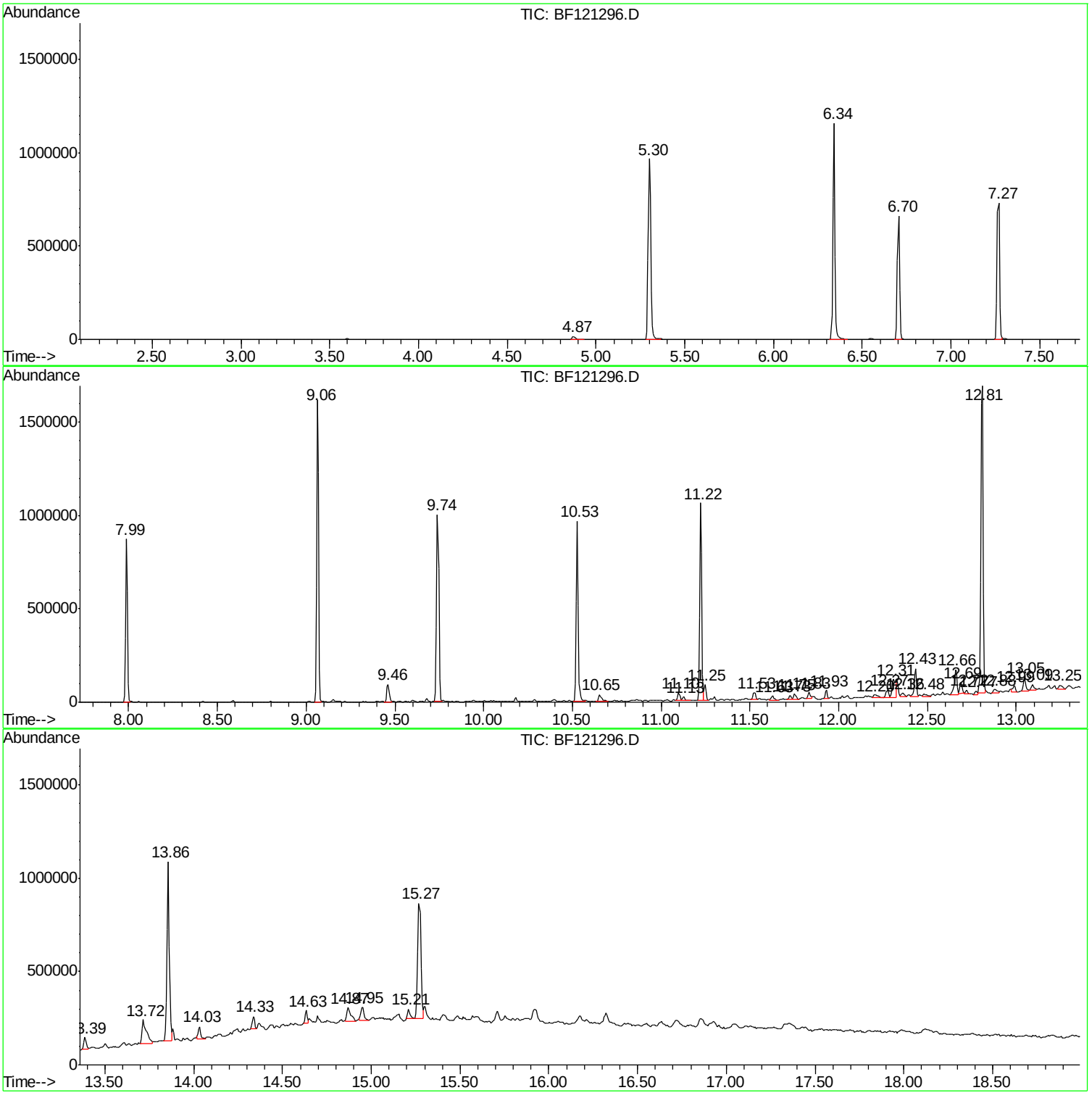
Instrument :
BNA_F
ClientSampleId :
OK-01-081320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.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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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.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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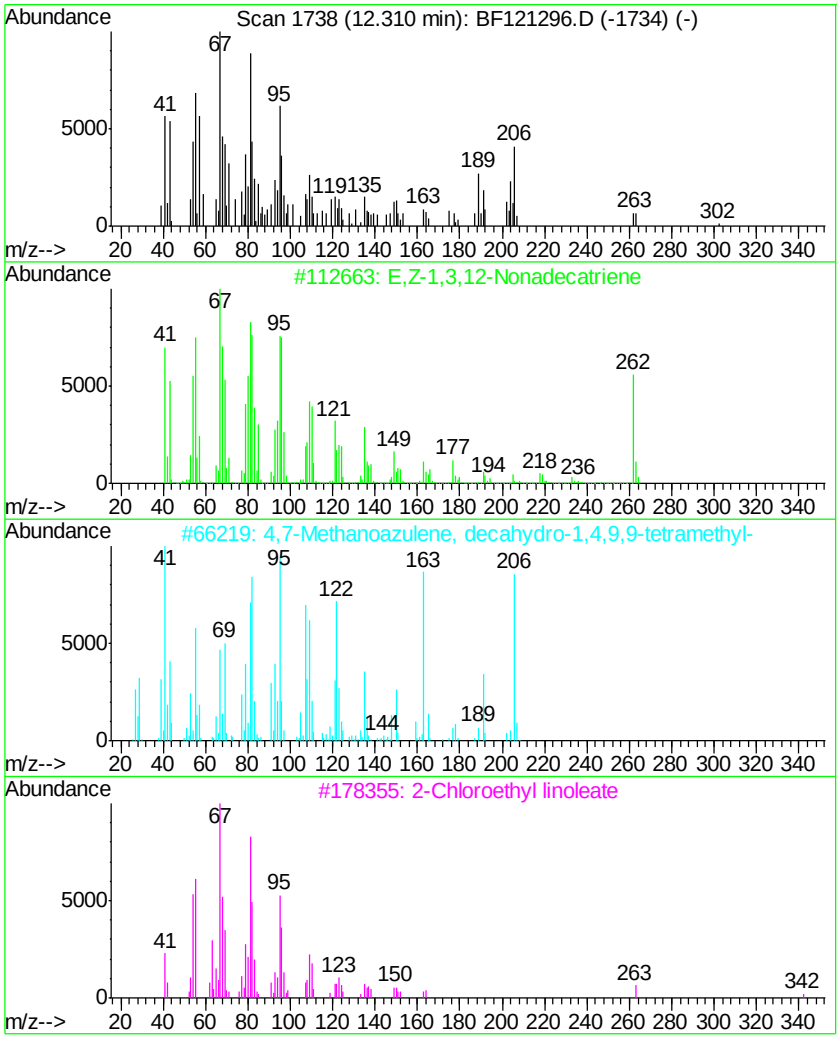
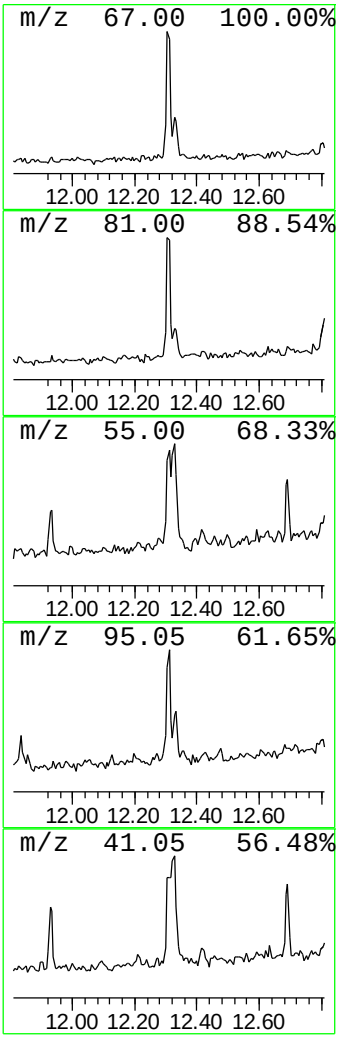
Peak Number 1 E,Z-1,3,12-Nonadecatriene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	2.93 ng	131076	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E,Z-1,3,12-Nonadecatriene	262	C19H34	1000131-11-3	86
2	4,7-Methanoazulene, decahydro-1,...	206	C15H26	020478-88-0	70
3	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	70
4	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	70
5	7-Hexadecyne	222	C16H30	074685-28-2	62





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : OK-01-081320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.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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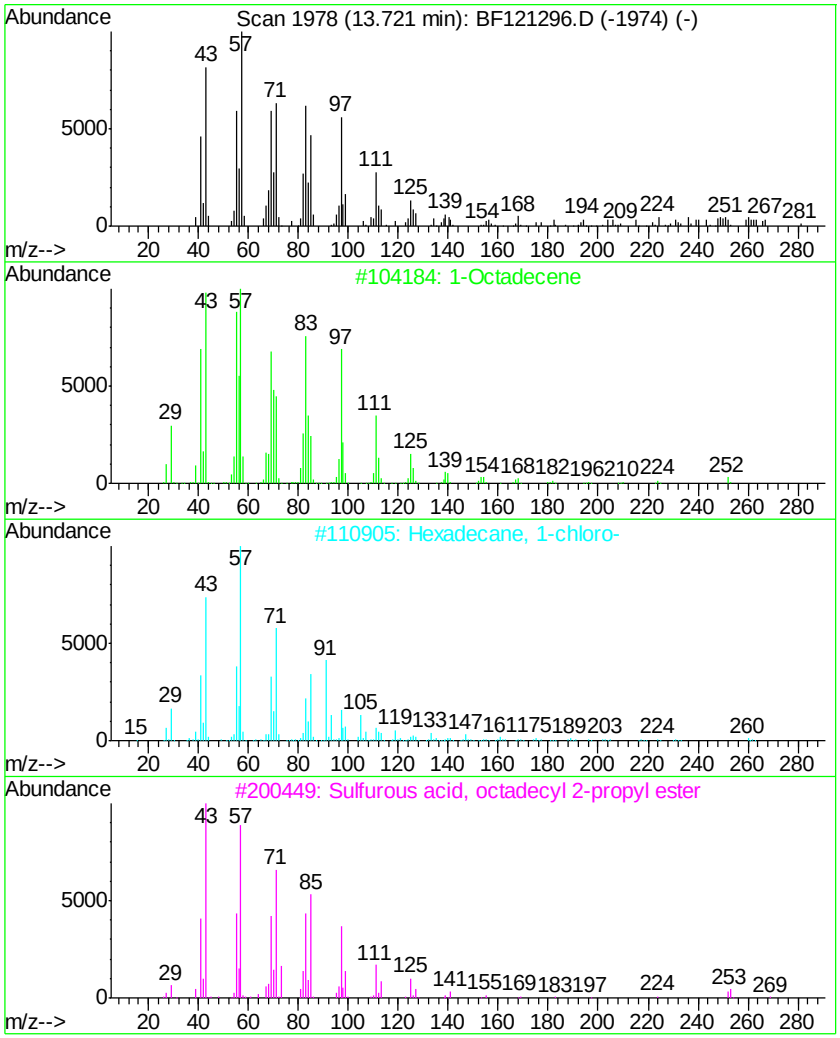
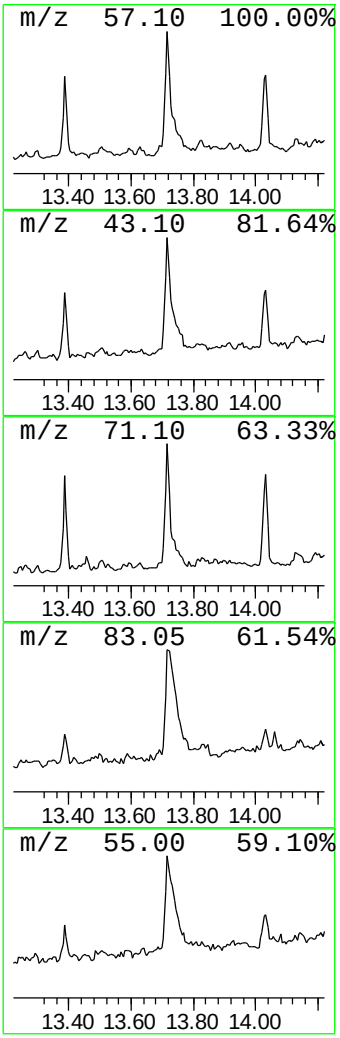
Peak Number 2 1-Octadecene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	5.11 ng	221506	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	95
2	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	91
3	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	91
4	1-Pentadecene	210	C15H30	013360-61-7	86
5	E-15-Heptadecenal	252	C17H32O	1000130-97-9	86





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Sample : L3502-06 2X
Misc :
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Instrument : BNA_F
ClientSampleId : OK-01-081320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.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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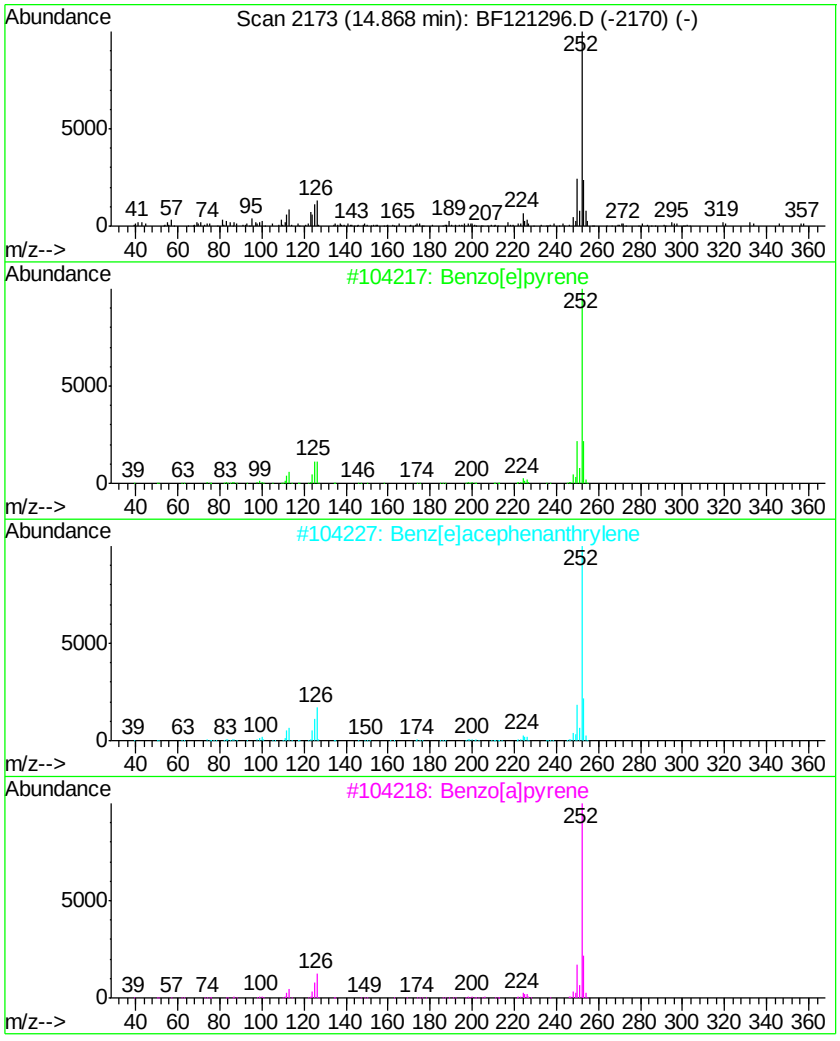
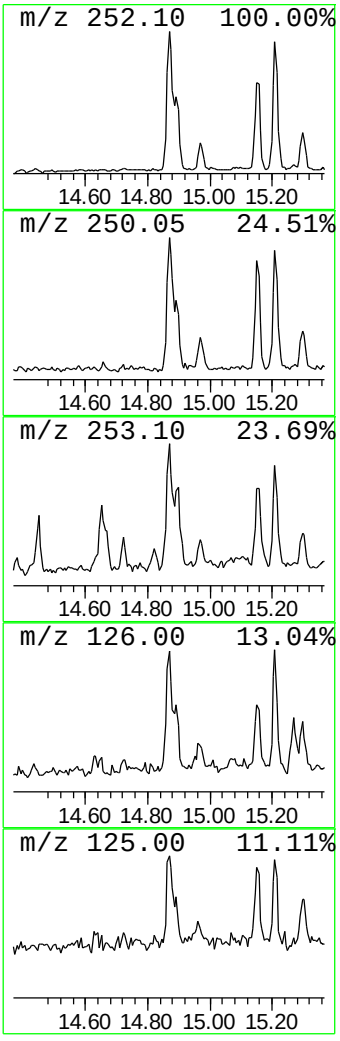
Peak Number 3 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	3.34 ng	122281	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	81





Library Search Compound Report

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-01-081320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.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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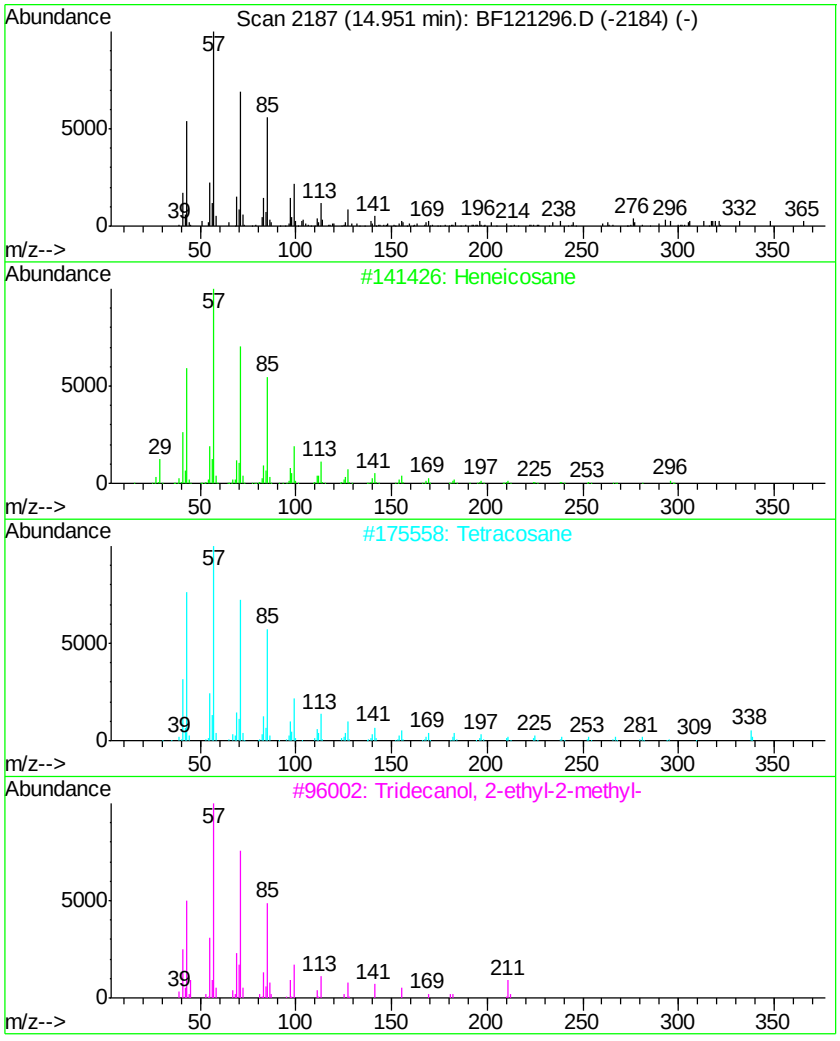
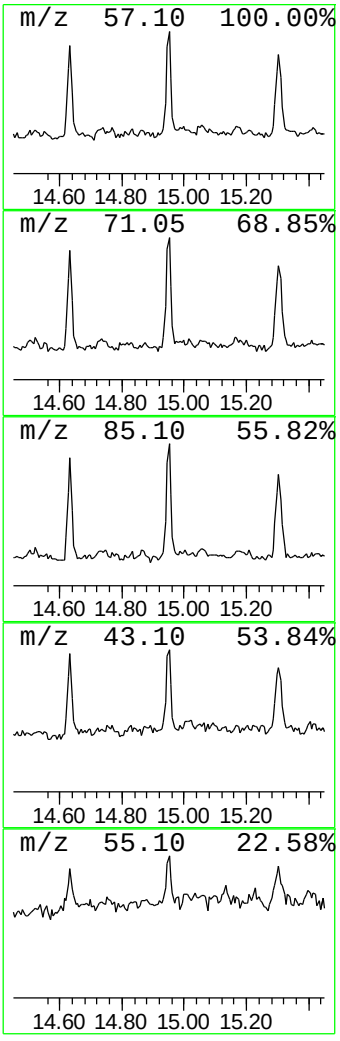
Peak Number 4 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	2.32 ng	85011	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Tetracosane	338	C24H50	000646-31-1	86
3	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	86
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	74
5	Hexacosane	366	C26H54	000630-01-3	62





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_F
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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
E,Z-1,3,12-Nonade...	12.31	2.9	ng	131076	4	11.22	894966	20.0
1-Octadecene	13.72	5.1	ng	221506	5	13.86	867295	20.0
Benzo[e]pyrene	14.87	3.3	ng	122281	6	15.27	731762	20.0
Heneicosane	14.95	2.3	ng	85011	6	15.27	731762	20.0