LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
Data File : BF138538.D
Acq On : 11 Jul 2024 22:54
Operator : CG\JU
Sample : P3184-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP(00187-00189-00186)

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-BF070924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138538.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.116	3	5	14	rVB	301207	365695	65.08%	5.642%
2	5.069	504	507	512	rVB	20959	20945	3.73%	0.323%
3	5.481	574	577	585	rBV	327499	307277	54.68%	4.741%
4	6.493	746	749	759	rBV	371635	302202	53.78%	4.663%
5	6.863	808	812	816	rVB	628263	481111	85.62%	7.423%
6	6.928	818	823	829	rBV2	17539	34762	6.19%	0.536%
7	7.422	903	907	910	rBV	225459	181885	32.37%	2.806%
8	8.145	1026	1030	1033	rBV	702736	561927	100.00%	8.670%
9	8.451	1080	1082	1086	rBV	20531	19809	3.53%	0.306%
10	9.216	1208	1212	1215	rBV	415837	302732	53.87%	4.671%
11	9.292	1222	1225	1228	rBV2	12140	11829	2.11%	0.183%
12	9.557	1267	1270	1276	rBV	109013	101060	17.98%	1.559%
13	9.604	1276	1278	1283	rVB4	11683	16127	2.87%	0.249%
14	9.757	1301	1304	1307	rBV2	16910	16282	2.90%	0.251%
15	9.898	1324	1328	1331	rBV	667390	525673	93.55%	8.110%
16	9.928	1331	1333	1337	rVB	22549	18821	3.35%	0.290%
17	9.992	1340	1344	1349	rVB7	13760	19410	3.45%	0.299%
18	10.098	1357	1362	1366	rBV4	9964	13244	2.36%	0.204%
19	10.139	1366	1369	1374	rVB5	8494	10921	1.94%	0.168%
20	10.439	1417	1420	1427	rVB2	16056	18249	3.25%	0.282%
21	10.510	1427	1432	1434	rBV5	5407	10536	1.87%	0.163%
22	10.680	1458	1461	1465	rBV	172386	140415	24.99%	2.166%
23	10.804	1478	1482	1485	rVB4	20530	24650	4.39%	0.380%
24	10.992	1509	1514	1515	rBV3	8949	12030	2.14%	0.186%
25	11.116	1532	1535	1544	rBV	48655	51383	9.14%	0.793%
26	11.275	1559	1562	1567	rVB5	23309	28282	5.03%	0.436%
27	11.380	1576	1580	1583	rBV	630475	531315	94.55%	8.197%
28	11.404	1583	1584	1588	rVV	96586	58390	10.39%	0.901%
29	11.457	1590	1593	1595	rVB	26263	22014	3.92%	0.340%
30	11.616	1617	1620	1624	rBV5	13139	15836	2.82%	0.244%
31	11.669	1627	1629	1633	rVV4	11909	14210	2.53%	0.219%
32	11.710	1634	1636	1641	rVB3	15637	18670	3.32%	0.288%
33	11.880	1662	1665	1667	rBV	23952	23457	4.17%	0.362%
34	11.904	1667	1669	1673	rVB2	41227	43975	7.83%	0.678%
35	11.969	1676	1680	1682	rBV4	28247	34490	6.14%	0.532%
36	11.992	1682	1684	1687	rBV	45743	40552	7.22%	0.626%

LSC Area Percent Report

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Operator : CG\JU
Sample : P3184-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP(00187-00189-00186)

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-BF070924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.080	1696	1699	1702	rBV2	16009	18022	3.21%	0.278%
38	12.110	1702	1704	1707	rBV4	12776	12837	2.28%	0.198%
39	12.145	1707	1710	1712	rBV3	20004	19611	3.49%	0.303%
40	12.174	1713	1715	1717	rBV3	15075	14591	2.60%	0.225%
41	12.357	1744	1746	1748	rBV2	29745	25684	4.57%	0.396%
42	12.427	1756	1758	1761	rBV	36192	37220	6.62%	0.574%
43	12.469	1761	1765	1767	rBV3	41219	55668	9.91%	0.859%
44	12.592	1783	1786	1791	rBV	174745	170213	30.29%	2.626%
45	12.822	1820	1825	1830	rBV	218002	304471	54.18%	4.698%
46	12.963	1845	1849	1855	rBV	377000	400434	71.26%	6.178%
47	13.316	1907	1909	1912	rBV2	70985	75513	13.44%	1.165%
48	13.504	1938	1941	1943	rBV	121212	105344	18.75%	1.625%
49	14.021	2025	2029	2031	rVB	457909	446303	79.42%	6.886%
50	15.486	2275	2278	2287	rVB	268646	395389	70.36%	6.100%

Sum of corrected areas: 6481466

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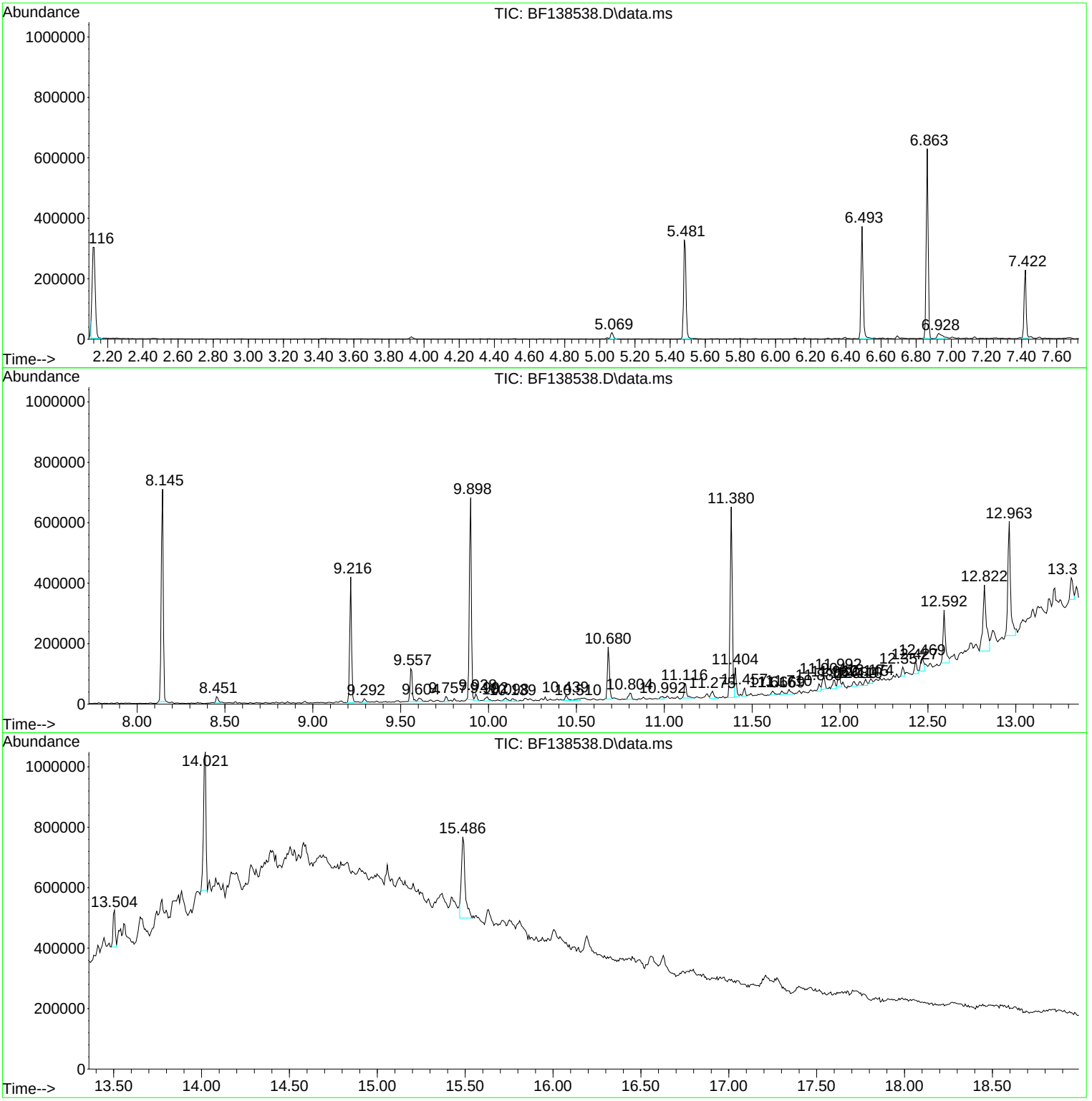
COMP(00187-00189-00186)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

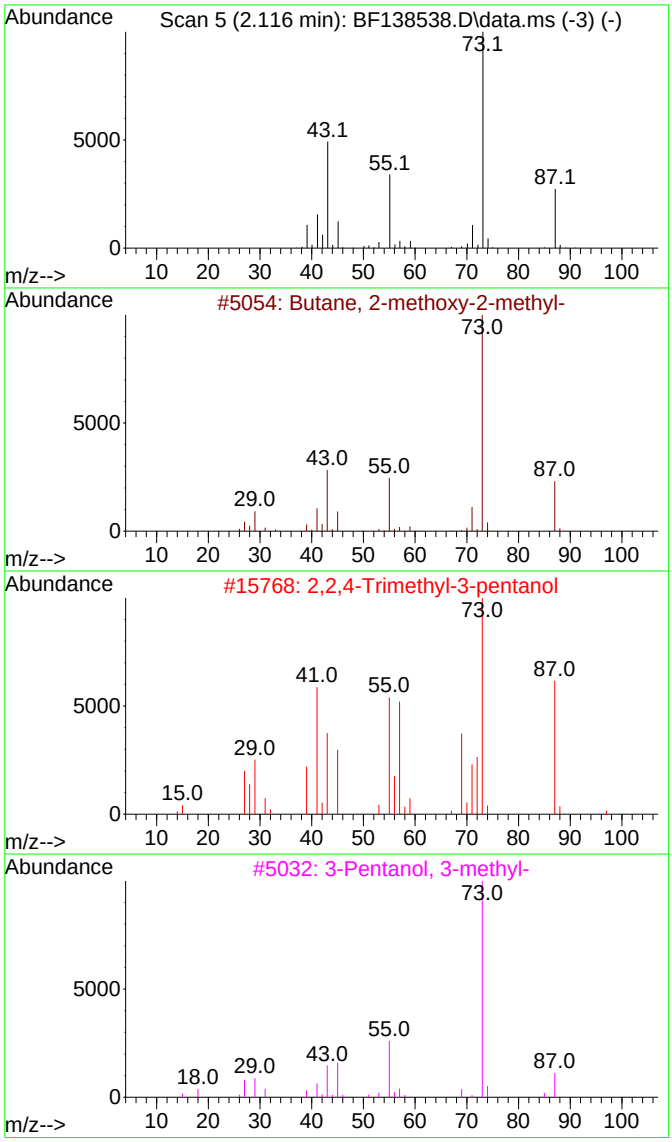
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

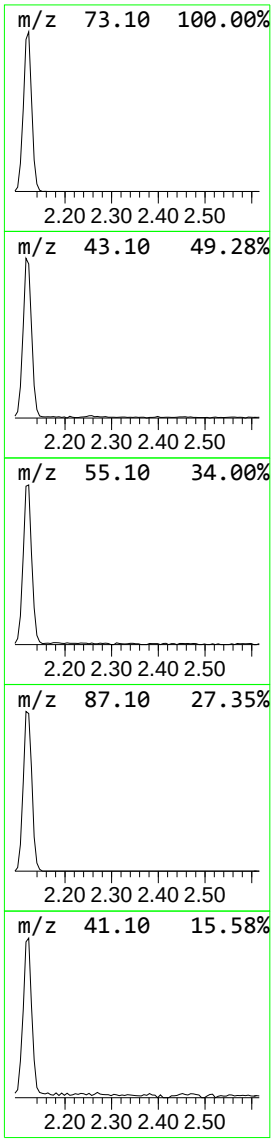
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.116	15.20 ng	365695	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	38
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	32
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	23





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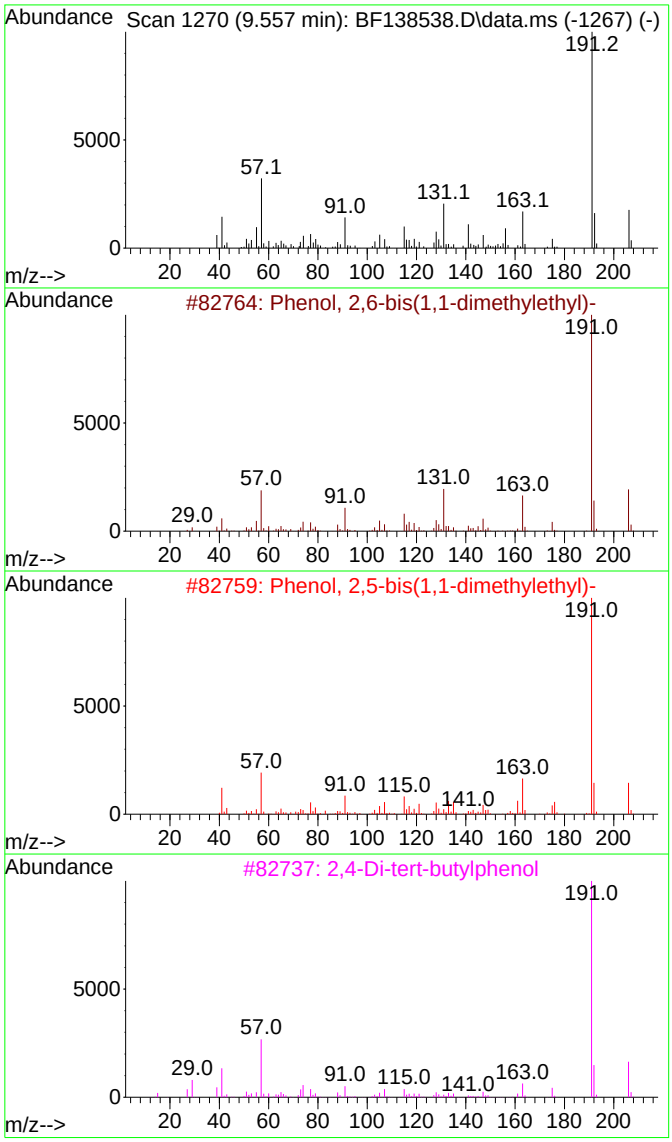
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

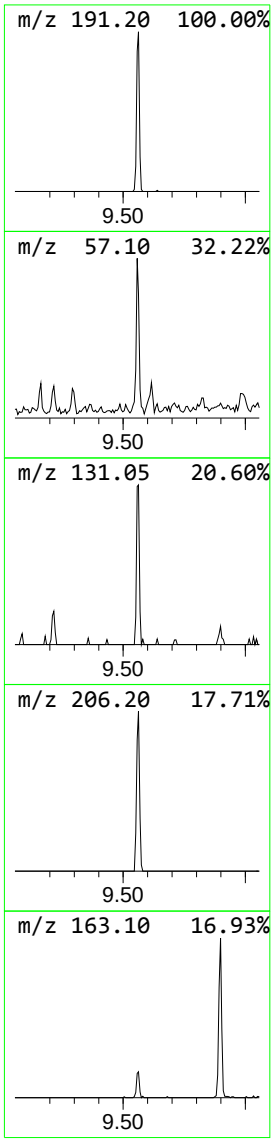
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.557	3.84 ng	101060	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	96
2	Phenol, 2,5-bis(1,1-dimethylethyl)-	206	C14H22O	005875-45-6	76
3	2,4-Di-tert-butylphenol	206	C14H22O	000096-76-4	70
4	Benzeneacetic acid, 4-(1,1-dimet...	206	C13H18O2	003549-23-3	64
5	3-(4-tert-Butylphenyl)propanoic ...	206	C13H18O2	001208-64-6	64





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

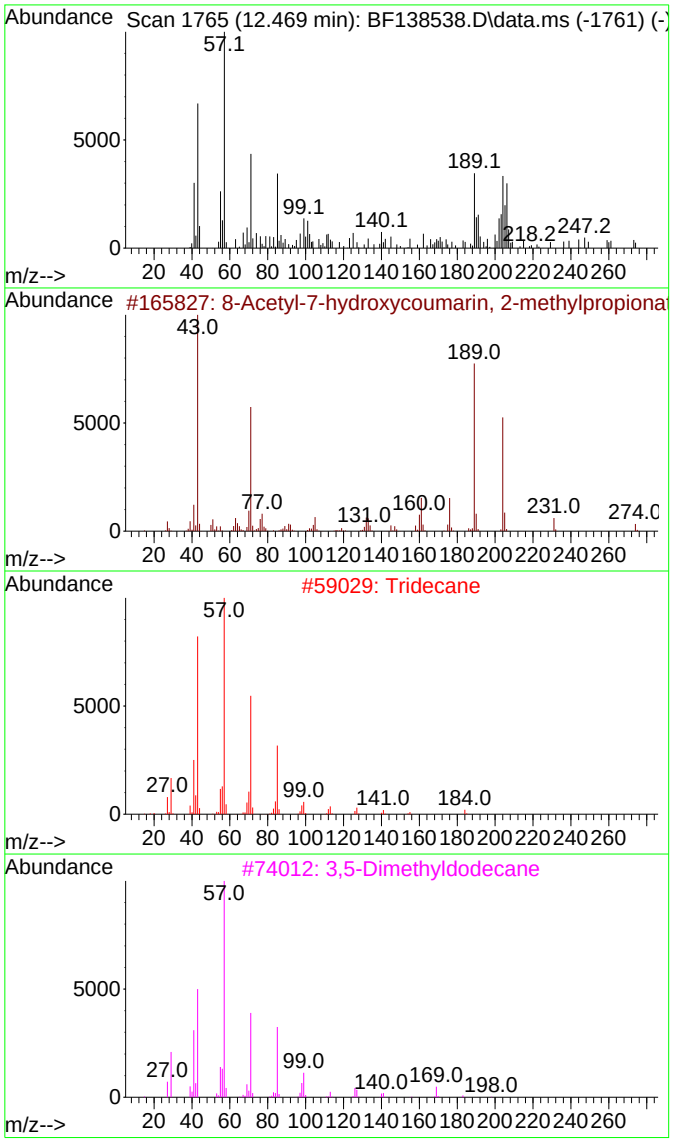
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

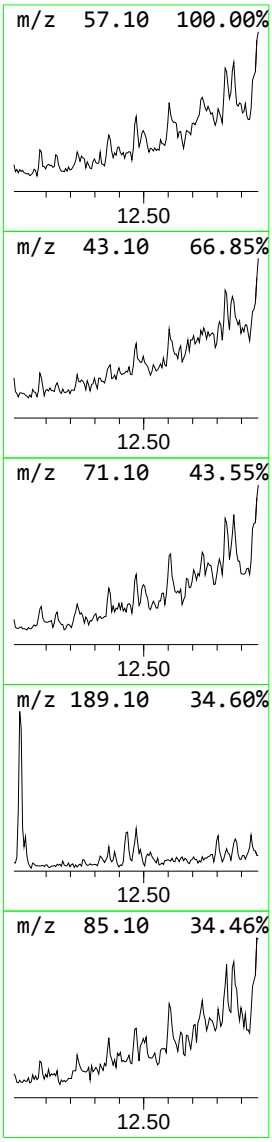
****

Peak Number 3 unknown12.469 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	2.10 ng	55668	Phenanthrene-d10	11.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Acetyl-7-hydroxycoumarin, 2-me...	274	C15H14O5	1010462-93-0	38
2	Tridecane	184	C13H28	000629-50-5	38
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	22
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	22
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	22





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Instrument :
BNA_F
ClientSampleId :
COMP(00187-00189-00186)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

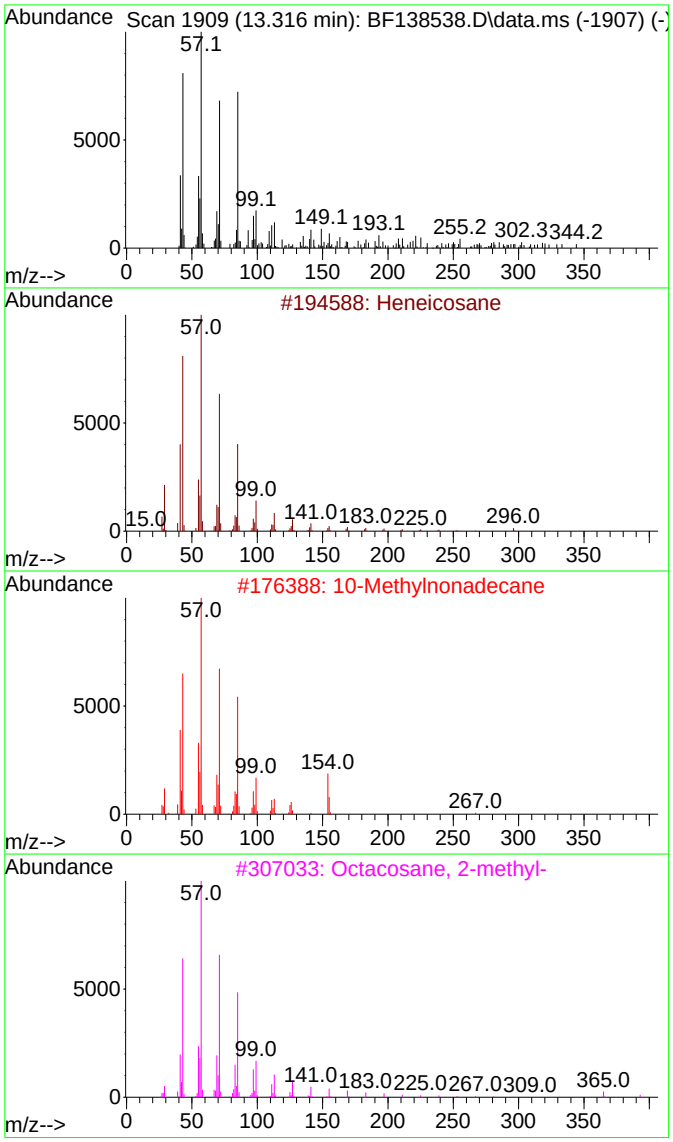
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

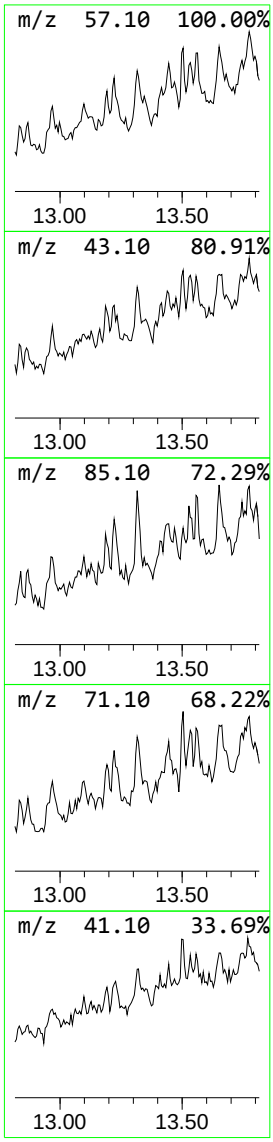
****

Peak Number 4 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.316	3.38 ng	75513	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	10-Methylnonadecane	282	C20H42	056862-62-5	91
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86
5	Octadecane	254	C18H38	000593-45-3	81





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP(00187-00189-00186)

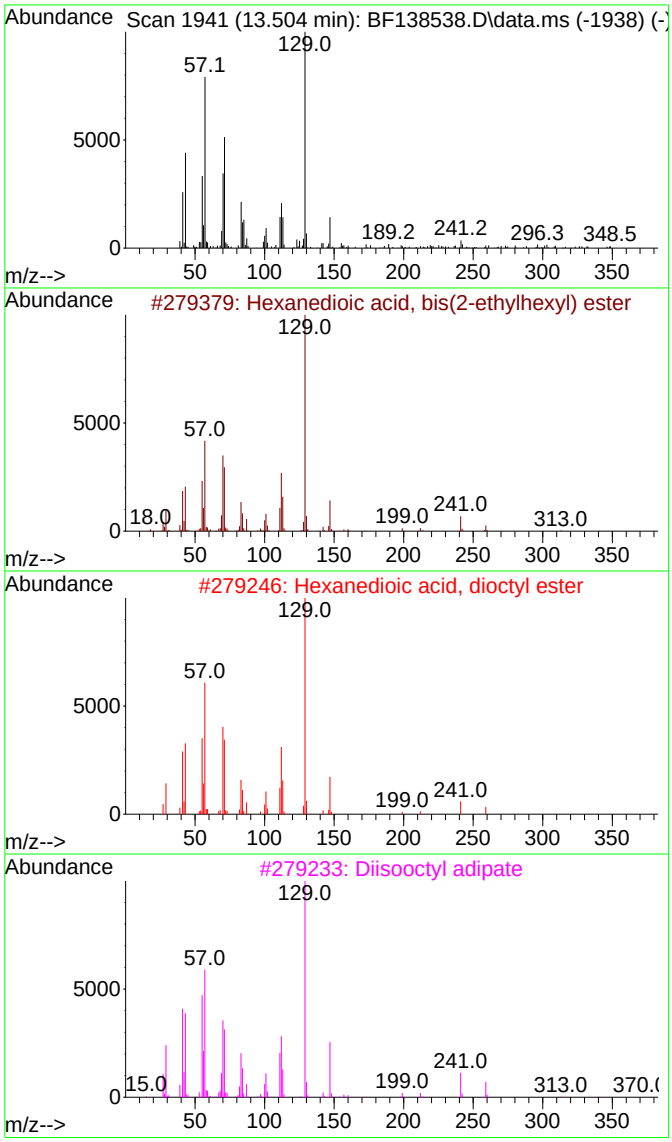
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

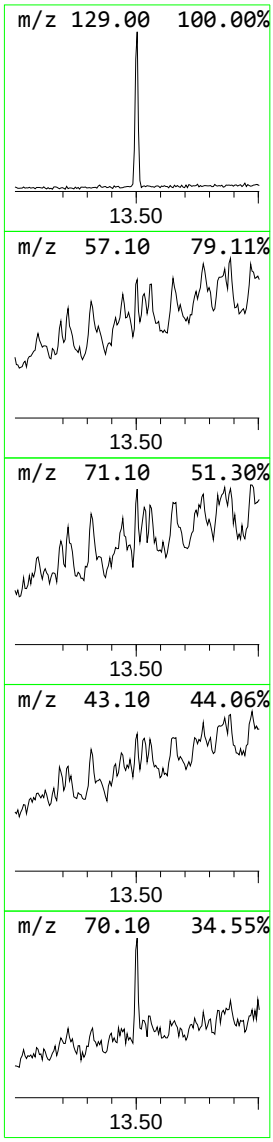
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexanedioic acid, bis(2-eth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.504	4.72 ng	105344	Chrysene-d12	14.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	72
2	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	53
3	Diisooctyl adipate	370	C22H42O4	001330-86-5	52
4	Adipic acid, 2-ethylhexyl isohex...	342	C20H38O4	1000324-48-3	50
5	Adipic acid, cyclohexylmethyl is...	326	C19H34O4	1000324-17-6	47





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.116	15.2	ng	365695	1	6.863	481111	20.0
Phenol, 2,6-bis...	9.557	3.8	ng	101060	3	9.898	525673	20.0
unknown12.469	12.469	2.1	ng	55668	4	11.380	531315	20.0
Heneicosane	13.316	3.4	ng	75513	5	14.021	446303	20.0
Hexanedioic aci...	13.504	4.7	ng	105344	5	14.021	446303	20.0